THE INVOICE MESSAGE

1.   Introduction

*   Status

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MESSAGE TYPE              :INVOIC
REFERENCE DIRECTORY       :D.96A
EANCOM SUBSET VERSION     :008
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*   Definition

A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer.

The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages.

Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

*   Principles

A seller may invoice for one or more transactions

An invoice may refer to goods, items or services related to one or more orders, delivery instructions, call-offs, etc...

An invoice may contain references to payment terms

An invoice for cross border transactions may contain additional information for customs and/or statistical purposes/services

An invoice may contain transport details.

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2.   Message Structure Chart

Invoice Heading Section

UNH	1	M	1	MESSAGE HEADER
BGM	2	M	1	Beginning of message
DTM	3	M	35	Date/time/period
PAI	4	C	1	Payment instructions
ALI	5	C	5	Additional information
FTX	6	C	10	Free text
SG1		C	99	RFF-DTM
RFF	7	M	1	Reference
DTM	8	C	5	Date/time/period
SG2		C	99	NAD-FII-SG3-SG5
NAD	9	M	1	Name and address
FII +	10	C	5	Financial institution information
SG3		C	9999	RFF
RFF	11	M	1	Reference
SG5		C	5	CTA-COM
CTA	12	M	1	Contact information
COM	13	C	5	Communication contact
SG6		C	5	TAX-MOA
TAX	14	M	1	Duty/tax/fee details
MOA +	15	C	1	Monetary amount
SG7		C	5	CUX-DTM
CUX	16	M	1	Currencies
DTM	17	C	5	Date/time/period
SG8		C	10	PAT-DTM-PCD-MOA
PAT	18	M	1	Payment terms basis
DTM	19	C	5	Date/time/period
PCD	20	C	1	Percentage details
MOA	21	C	1	Monetary amount
SG9		C	10	TDT
TDT	22	M	1	Details of transport
SG12		C	5	TOD-LOC
TOD	23	M	1	Terms of delivery or transport
LOC	24	C	2	Place/location identification
SG13		C	1000	PAC
PAC +	25	M	1	Package
SG15		C	9999	ALC-SG17-SG18-SG19-SG20-SG21
ALC	26	M	1	Allowance or charge
SG17		C	1	QTY
QTY	27	M	1	Quantity
SG18		C	1	PCD
PCD	28	M	1	Percentage details
SG19		C	2	MOA
MOA	29	M	1	Monetary amount

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SG20		C	1	RTE
RTE	30	M	1	Rate details
SG21		C	5	TAX-MOA
TAX	31	M	1	Duty/tax/fee details
MOA	32	C	1	Monetary amount

Invoice Detail Section

SG25		C	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
LIN	33	M	1	Line item
PIA	34	C	25	Additional product id
IMD	35	C	10	Item description
MEA	36	C	5	Measurements
QTY	37	C	5	Quantity
ALI	38	C	5	Additional information
DTM	39	C	35	Date/time/period
QVR	40	C	1	Quantity variances
FTX	41	C	5	Free text
SG26		C	5	MOA
MOA	42	M	1	Monetary amount
SG27		C	10	PAT-DTM-PCD-MOA
PAT	43	M	1	Payment terms basis
DTM	44	C	5	Date/time/period
PCD	45	C	1	Percentage details
MOA	46	C	1	Monetary amount
SG28		C	25	PRI
PRI	47	M	1	Price details
SG29		C	10	RFF-DTM
RFF	48	M	1	Reference
DTM	49	C	5	Date/time/period
SG30		C	10	PAC-MEA-SG31
PAC	50	M	1	Package
MEA	51	C	10	Measurements
SG31		C	10	PCI-GIN
PCI +	52	M	1	Package identification
GIN +	53	C	10	Goods identity number
SG32		C	9999	LOC-QTY-DTM
LOC	54	M	1	Place/location identification
QTY	55	C	100	Quantity
DTM	56	C	5	Date/time/period
SG33		C	99	TAX-MOA
TAX	57	M	1	Duty/tax/fee details
MOA	58	C	1	Monetary amount
SG34		C	20	NAD-SG35
NAD	59	M	1	Name and address
SG35		C	5	RFF

RFF	60	M	1	Reference
SG38		C	15	ALC-ALI-SG39-SG40-SG41-SG42-SG43
ALC	61	M	1	Allowance or charge
ALI	62	C	5	Additional information
SG39		C	1	QTY
QTY	63	M	1	Quantity
SG40		C	1	PCD
PCD	64	M	1	Percentage details
SG41		C	2	MOA
MOA	65	M	1	Monetary amount
SG42		C	1	RTE
RTE	66	M	1	Rate details
SG43		C	5	TAX-MOA
TAX	67	M	1	Duty/tax/fee details
MOA	68	C	1	Monetary amount
SG44		C	10	TDT
TDT	69	M	1	Details of transport

Invoice Summary Section

UNS	70	M	1	SECTION CONTROL
CNT	71	C	10	Control total
SG48		M	100	MOA-SG49
MOA	72	M	1	Monetary amount
SG49		C	1	RFF-DTM
RFF	73	M	1	Reference
DTM	74	C	5	Date/time/period
SG50		C	10	TAX-MOA
TAX	75	M	1	Duty/tax/fee details
MOA	76	C	2	Monetary amount
SG51		C	15	ALC-ALI-MOA
ALC	77	M	1	Allowance or charge
ALI	78	C	1	Additional information
MOA	79	C	2	Monetary amount
UNT	80	M	1	MESSAGE TRAILER

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3.   Branching Diagram

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0 ─┬───┬──────┬──────┬──────┬──────┬──────┬──────────────────┬──────┬──────┬──(2)
   │   │      │      │      │      │      │                   │      │      │
 ┌─────┐ ┌─────┐  ┌─────┐                                                        
 │ UNH │ │ BGM │  │ PAI │                                                        
 │M  1 │ │M  1 │  │C  1 │                                                        
 │  1  │ │  2  │  │  4  │                                                        
 └─────┘ └─────┘  └─────┘                                                        

1                           ┌─────┐ ┌─────┐         ┌─────┐ ┌─────┐ ┌─────┐      
                            │ SG1 │ │ SG2 │         │ SG6 │ │ SG7 │ │ SG8 │      
                            │C 99 │ │C 99 │         │C  5 │ │C  5 │ │C 10 │      
         ┌─────┐  ┌─────┐┌─────┐ ┌─────┐ ┌─────┐    ┌─────┐ ┌─────┐ ┌─────┐      
         │ DTM │  │ ALI ││ FTX │ │ RFF │ │ NAD │    │ TAX │ │ CUX │ │ PAT │      
         │M 35 │  │C  5 ││C 10 │ │M  1 │ │M  1 │    │M  1 │ │M  1 │ │M  1 │      
         │  3  │  │  5  ││  6  │ │  7  │ │  9  │    │ 14  │ │ 16  │ │ 18  │──(1)  
         └─────┘  └─────┘└─────┘ └─────┘ └─────┘    └─────┘ └─────┘ └─────┘      

2                          ┌─────┐ ┌─────┐                                       
                           │ SG3 │ │ SG5 │                                       
                           │C9999│ │C  5 │                                       
                   ┌─────┐ ┌─────┐ ┌─────┐ ┌─────┐ ┌─────┐ ┌─────┐ ┌─────┐       
                   │ DTM │ │ FII │ │ RFF │ │ CTA │ │ MOA │ │ DTM │ │ DTM │ │ PCD │
                   │C  5 │ │C  5 │ │M  1 │ │M  1 │ │C  1 │ │C  5 │ │C  5 │ │C  1 │
                   │  8  │ │ 10  │ │ 11  │ │ 12  │ │ 15  │ │ 17  │ │ 19  │ │ 20  │
                   └─────┘ └─────┘ └─────┘ └─────┘ └─────┘ └─────┘ └─────┘ └─────┘

3                                          ┌─────┐                               
                                           │ COM │                               
                                           │C  5 │                               
                                           │ 13  │                               
                                           └─────┘                               
```

```
    ( 1 )───────┐
2               │
           ┌────┴─────┐
           │   MOA    │
           ├───┬──────┤
           │ C │   1  │
           ├───┴──────┤
           │    21    │
           └──────────┘
```

```
        (5)─────────────────────────────────────────────────────────────────────┐
  2   ┌──────────┐  ┌──────────┐  ┌──────────┐                            ┌──────────┐
      │  SG33    │  │  SG34    │  │  SG38    │                            │  SG44    │
      │ C   99   │  │ C   20   │  │ C   15   │                            │ C   10   │
      ├──────────┤  ├──────────┤  ├──────────┤                            ├──────────┤
      │  TAX     │  │  NAD     │  │  ALC     │                            │  TDT     │
      │ M    1   │  │ M    1   │  │ M    1   │                            │ M    1   │
      ├──────────┤  ├──────────┤  ├──────────┤                            ├──────────┤
      │   57     │  │   59     │  │   61     │                            │   69     │
      └──────────┘  └──────────┘  └──────────┘                            └──────────┘

  3                 ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐  ┌──────────┐
                    │  SG35    │  │          │  │  SG39    │  │  SG40    │  │  SG41    │  │  SG42    │  │  SG43    │
                    │ C    5   │  │          │  │ C    1   │  │ C    1   │  │ C    2   │  │ C    1   │  │ C    5   │
      ┌──────────┐  ├──────────┤  ┌──────────┤  ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤
      │  MOA     │  │  RFF     │  │  ALI     │  │  QTY     │  │  PCD     │  │  MOA     │  │  RTE     │  │  TAX     │
      │ C    1   │  │ M    1   │  │ C    5   │  │ M    1   │  │ M    1   │  │ M    1   │  │ M    1   │  │ M    1   │
      ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤  ├──────────┤
      │   58     │  │   60     │  │   62     │  │   63     │  │   64     │  │   65     │  │   66     │  │   67     │
      └──────────┘  └──────────┘  └──────────┘  └──────────┘  └──────────┘  └──────────┘  └──────────┘  └──────────┘

  4                                                                                                      ┌──────────┐
                                                                                                         │  MOA     │
                                                                                                         │ C    1   │
                                                                                                         ├──────────┤
                                                                                                         │   68     │
                                                                                                         └──────────┘
```
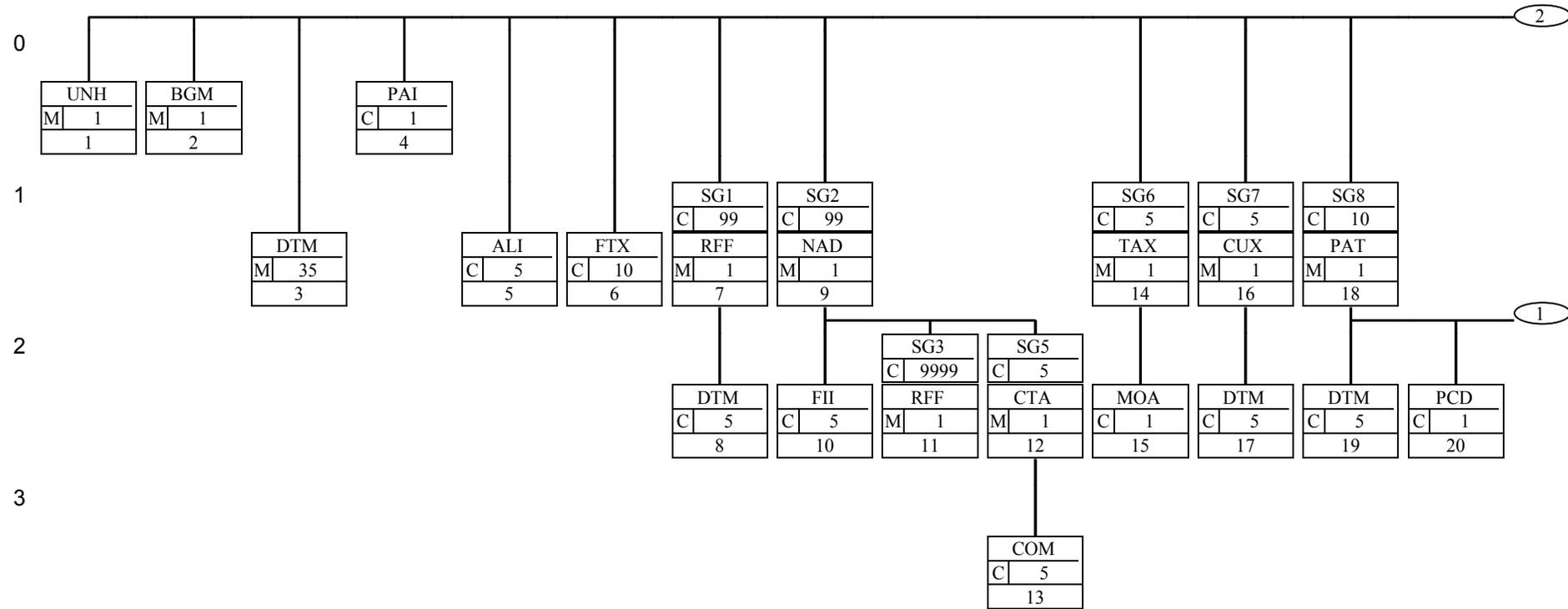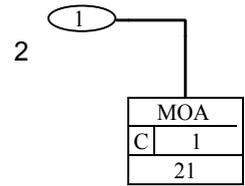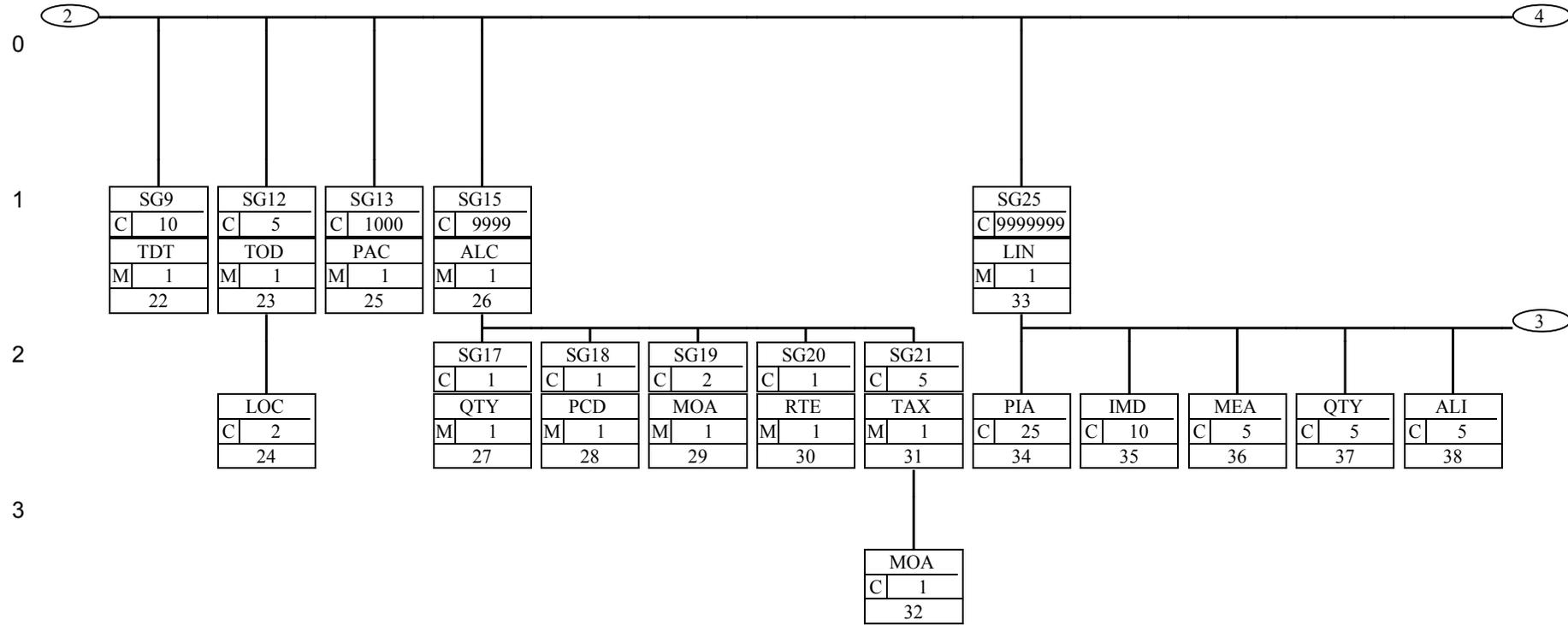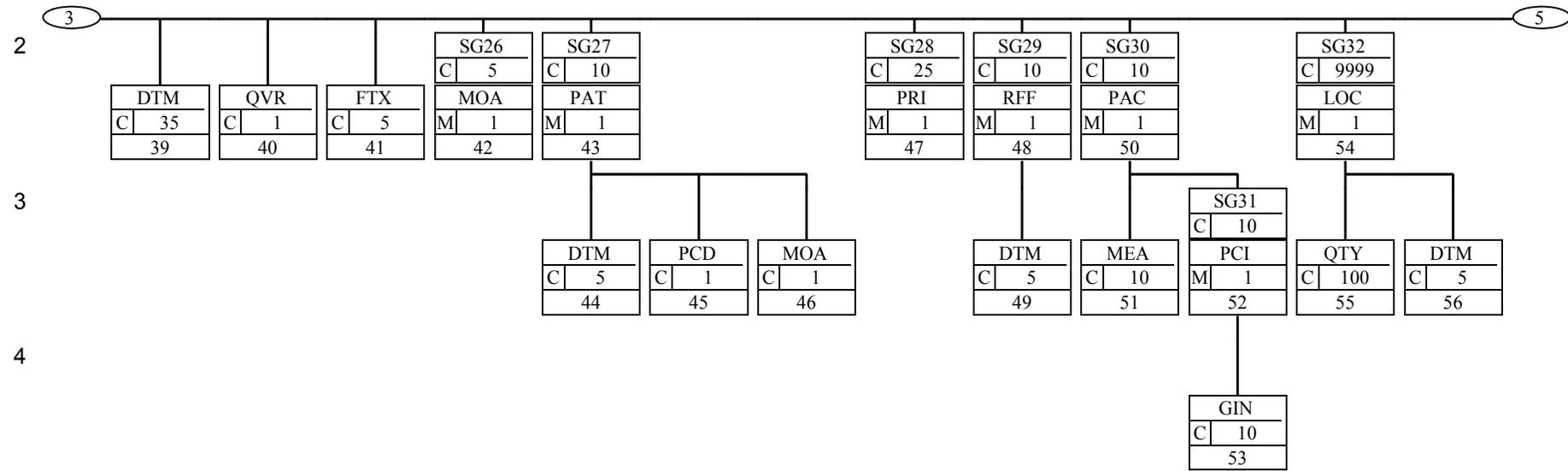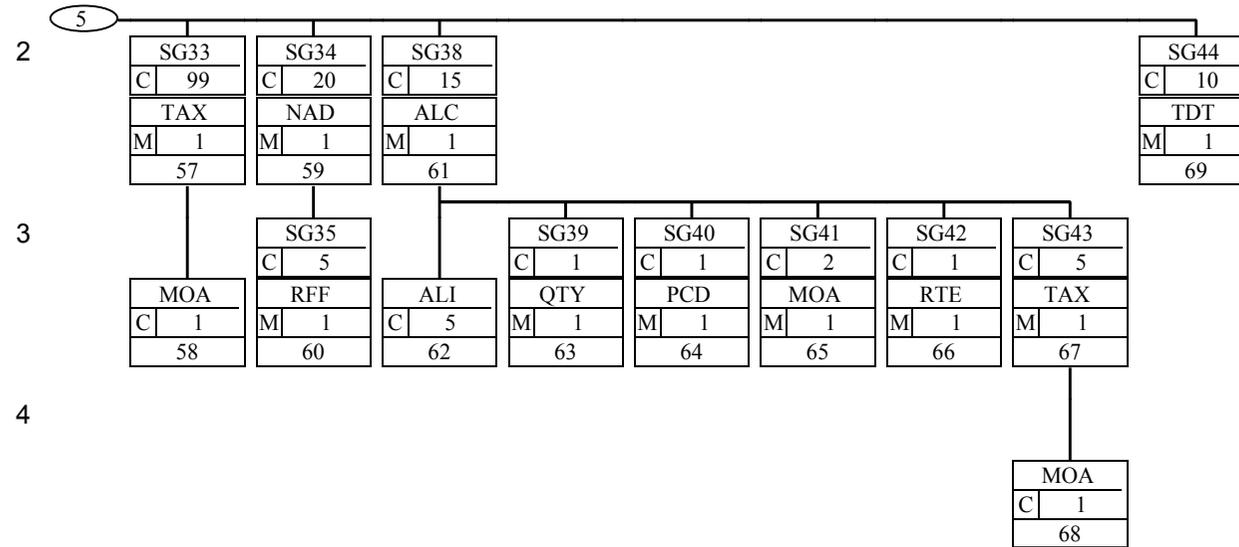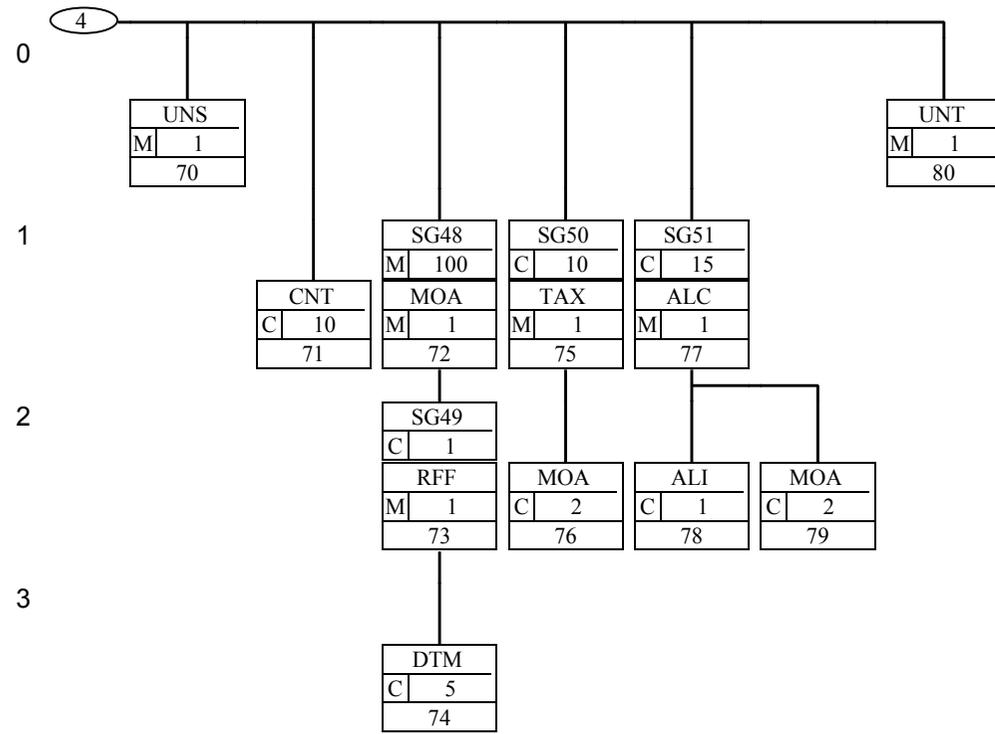
4.   Segments Description

Invoice Heading Section

UNH - M 1 - MESSAGE HEADER
This segment is used to head, identify and specify a message.

BGM - M 1 - Beginning of message
This segment is used to indicate the type and function of a message and to transmit the identifying number.

DTM - M 35 - Date/time/period
This segment is used to specify the date or period of the invoice. It may also be used to specify the date on which the goods were despatched, delivered, or received.

PAI - C 1 - Payment instructions
This segment allows the party issuing the Invoice to specify how they would like payment to be made.

ALI - C 5 - Additional information
This segment is used to specify any special conditions which apply to the goods being invoiced. The country of origin of all the products (if it is the same) may be specified here in the header section.

FTX - C 10 - Free text
This segment is used to provide free form or coded text information which applies to the complete invoice message.

SG1 - C 99 -   RFF-DTM
A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, despatch advice number.

RFF - M 1 - Reference
This segment is used to specify references which relate to the whole invoice, for example, Purchase Order Numbers, Delivery Numbers, etc.

DTM - C 5 - Date/time/period
This segment is used to specify any dates related to the references given in the previous RFF segment.

SG2 - C 99 -   NAD-FII-SG3-SG5
A group of segments identifying the parties with associated information.

NAD - M 1 - Name and address
This segment is used to identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyers address.

FII - C 5 - Financial institution information
This segment is used to identify financial institution information related to the party identified in the NAD segment.

SG3 - C 9999 -   RFF
A segment group for giving references only relevant to the specified party rather than the whole invoice.

RFF - M 1 - Reference
This segment is used to specify reference numbers related to the party identified in the previous NAD segment.

SG5 - C 5 -   CTA-COM
A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

CTA - M 1 - Contact information
This segment is used to identify the department and/or person within the party specified in the NAD. The EAN location number is particularly suitable for this purpose.

COM - C 5 - Communication contact
This segment is used to identify the communications number and the type of communications used for the department person identified in the CTA segment.

SG6 - C 5 -   TAX-MOA
A group of segments specifying tax related information.

TAX - M 1 - Duty/tax/fee details
This segment is used to indicate the type, category, and rate of tax for the complete invoice.

MOA - C 1 - Monetary amount
This segment is to be used to provide tax related monetary amounts relevant to the complete invoice. These amount should be added to any amounts specified in the detail section in order to calculate the total invoice tax amounts contained in the summary section.

SG7 - C 5 -   CUX-DTM
A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.

CUX - M 1 - Currencies
This segment is used to specify currency information for the complete invoice.

DTM - C 5 - Date/time/period
This segment is used to specify the date on which a rate of exchange was quoted.

SG8 - C 10 -   PAT-DTM-PCD-MOA
A group of segments specifying the terms of payment applicable for the whole invoice.

PAT - M 1 - Payment terms basis
This segment is used by the issuer of the invoice to specify the payment terms for the complete invoice.

DTM - C 5 - Date/time/period
This segment is used to specify any dates associated with the payment terms for the invoice.

PCD - C 1 - Percentage details
This segment is used to specify percentages which will be allowed or charged if the invoicee pays (does not pay) to terms.

MOA - C 1 - Monetary amount
This segment is used to specify monetary values which will be allowed or charged if the invoicee pays (does not pay) to terms.

SG9 - C 10 -   TDT
A group of segments identifying the mode and means of transport.

TDT - M 1 - Details of transport
This segment is used to specify transport services provided for the delivery of the invoiced line items, such as express transport services.

SG12 - C 5 - TOD-LOC
A group of segments indicating the terms of delivery for the whole invoice.

TOD - M 1 - Terms of delivery or transport
This segment is used to specify the terms of delivery for the complete invoice. When specifying terms of delivery it is required in EANCOM to use Incoterms.

LOC - C 2 - Place/location identification
This segment is used to identify the location where the terms of delivery apply.

SG13 - C 1000 - PAC
A segment group identifying the packaging for goods referenced by the whole invoice.

PAC - M 1 - Package
This segment is used to enable the invoice message to be used as valued despatch advice message by detailing the total count of each package type being invoiced.

SG15 - C 9999 - ALC-SG17-SG18-SG19-SG20-SG21

A group of segments specifying allowances and charges for the whole invoice. The allowance or charge specified within this segment group relates to the total invoice and cannot be overridden at detail level. Where relevant, additional information, tax and alternate currency details are to be indicated in the TAX and MOA segments.

ALC - M 1 - Allowance or charge
This segment is used to indicate any Allowances or Charges applicable to the total invoice, e.g. packaging costs.

SG17 - C 1 - QTY
A group of segments specifying the quantity of the allowance or charge with its measure unit specifier.

QTY - M 1 - Quantity
This segment is used to specify any quantity discounts or charges for the current ALC segment group.

SG18 - C 1 - PCD
A group of segments specifying the percentage for the allowance or charge.

PCD - M 1 - Percentage details
This segment is used to specify any percentage discounts or charges for the current ALC segment group.

SG19 - C 2 - MOA
A group of segments specifying a monetary amount for an allowance or charge.

MOA - M 1 - Monetary amount
This segment is used to specify any monetary discounts or charges for the current ALC segment group.

SG20 - C 1 - RTE
A group of segments specifying the rate per unit and basis to which the allowance or charge applies.

RTE - M 1 - Rate details
This segment is used to specify rate discounts or charges for the current ALC segment group.

SG21 - C 5 - TAX-MOA
A group of segments specifying tax related information for the allowance or charge.

TAX - M 1 - Duty/tax/fee details
This segment is used to signify whether the allowances and charges specified in SG14 are subject to tax.

MOA - C 1 - Monetary amount
This segment is used to indicate tax or duty amount for the tax rates specified in the previous TAX segment.

Invoice Detail Section

SG25 - C 9999999:   LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-
                               SG29-SG30-SG32-SG33-SG34-SG38-SG44
A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 25 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.

LIN - M 1 - Line item
This segment is used to indicate the beginning of the detail section of the Invoice message. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

PIA - C 25 - Additional product id
This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number.

IMD - C 10 - Item description
This segment is used to provide a description for the current line item.

MEA - C 5 - Measurements
This segment is used to specify the physical dimensions, storage limitations, or transport equipment limitations of a product.

QTY - C 5 - Quantity
This segment is used to specify quantities related to the current line item.

ALI - C 5 - Additional information
This segment is used to indicate special conditions or the country of origin of the current line item.

DTM - C 35 - Date/time/period
This segment is used to specify the date of despatch, delivery, or receipt of the current line item.

QVR - C 1 - Quantity variances
This segment is used to specify any variances between what was ordered, what was shipped/despatched and what is being invoiced.

FTX - C 5 - Free text
This segment is used to provide free form or coded text information which applies to the current line item.

SG26 - C 5 - MOA
A group of segments specifying any monetary amounts relating to the products.

MOA - M 1 - Monetary amount

This segment is used to specify monetary amounts related to the current line item.

SG27 - C 10 - PAT-DTM-PCD-MOA
A group of segments specifying the terms of payment for the line item where this is different to that specified in the heading section.

PAT - M 1 - Payment terms basis
This segment is used to identify specific payment terms for the current line item.

DTM - C 5 - Date/time/period
This segment is used to specify any dates associated with the payment terms provided in the previous PAT segment.

PCD - C 1 - Percentage details
This segment specifies the penalty or discount percentage applicable for the terms of payment defined in the PAT segment.

MOA - C 1 - Monetary amount
This segment specifies the penalty or discount monetary amount applicable for the terms of payment defined in the PAT segment.

SG28 - C 25 - PRI
A group of segments identifying the relevant pricing information for the goods or services invoiced.

PRI - M 1 - Price details
This segment is used to specify price information for the current line item.

SG29 - C 10 - RFF-DTM
A group giving references and where necessary, their dates, relating to the line item.

RFF - M 1 - Reference
This segment is used to provide references specific to the line item, and overrides any global references provided in the heading section of the invoice.

DTM - C 5 - Date/time/period
This segment is used to specify dates and times pertinent to the previous RFF segment.

SG30 - C 10 - PAC-MEA-SG31
A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item.

PAC - M 1 - Package
This segment is used to specify the number and type of packages for the current line item.

MEA - C 10 - Measurements
This segment is used to specify any measurements related to the packaging defined in the previous PAC segment.

SG31 - C 10 - PCI-DTM
A group of segments specifying the markings and labels on individual physical units.

PCI - M 1 - Package identification
This segment is used to identify markings on the packaging of the product being invoiced.

GIN - C 10 - Goods identity number
This segment is used to provide the serial shipping container code (SSCC) marked on the packaging of the products being invoiced.

SG32 - C 9999 - LOC-QTY-DTM
A group of segments specifying destination and quantity details for consignments involving multi-destination deliveries for a specified line item.

LOC - M 1 - Place/location identification
This segment is used to identify multiple delivery locations for the current line item.

QTY - C 100 - Quantity
This segment is used to specify the quantities related to the location identified in the preceding LOC segment.

DTM - C 5 - Date/time/period
This segment is used to specify the date/time on which the delivery took (will take) place to the location identified in LOC (SG32).

SG33 - C 99 - TAX-MOA
A group of segments specifying tax related information for the line item.

TAX - M 1 - Duty/tax/fee details
This segment is used to specify tax details for the line item being invoiced.

MOA - C 1 - Monetary amount
This segment is used to specify in monetary terms the amount of tax due on the current line item.

SG34 - C 20 - NAD-SG35
A group of segments identifying the parties with associated information, relevant to the line item only.

NAD - M 1 - Name and address
This segment is used to identify parties which are valid only for the current line item. Parties identified here override those specified in the NAD segment at heading level when the same qualifier is used.

SG35 - C 5 - RFF
A group of segment for giving references only relevant to the specified party rather than the

whole line item.

RFF - M 1 - Reference
This segment is used to specify references related to the party identified in the NAD at line level.

SG38 - C 15 - ALC-ALI-SG39-SG40-SG41-SG42-SG43
A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

ALC - M 1 - Allowance or charge
This segment is used to specify any allowances or charges which apply only to the line item being invoiced.

ALI - C 5 - Additional information
This segment is used to indicate any special conditions applicable to the allowances or charges detailed at line level.

SG39 - C 1 - QTY
A group of segments specifying the quantity of the allowance or charge with its measure unit specifier.

QTY - M 1 - Quantity
This segment within the ALC segment group (SG38) is used to specify quantity upon which discounts are applicable for the line item being invoiced.

SG40 - C 1 - PCD
A group of segments specifying the percentage for the allowance or charge.

PCD - M 1 - Percentage details
This segment is used to specify percentage discounts for the line item being invoiced.

SG41 - C 2 - MOA
A group of segments specifying a monetary amount for an allowance or charge.

MOA - M 1 - Monetary amount
This segment is used to specify monetary discounts for the line item being invoiced.

SG42 - C 1 - RTE
A group of segments specifying the rate per unit and basis to which the allowance or charge applies, e.g. The allowance/charge amount is 3 DEM per 10 tons.

RTE - M 1 - Rate details
This segment is used to specify monetary discounts for the line item being invoiced.

SG43 - C 5 - TAX-MOA
A group of segments specifying tax related information for the allowance or charge.

TAX - M 1 - Duty/tax/fee details
This segment is used to identify any taxes or duties which apply to the allowances or charges at LIN level.

MOA - C 1 - Monetary amount
This segment is used to specify in monetary terms the amount of tax due for the allowances and charges for the current line item.

SG44 - C 10 - TDT
A group of segments identifying the mode and means of transport, location and relevant dates and times for transportation, relating to the line item, where this is different to or not specified within the heading section.

TDT - M 1 - Details of transport
This segment is used to specify the transport means used for the product being invoiced. This segment is only used if the transport means differ from those specified in the message header.

Invoice Summary Section

UNS - M 1 - SECTION CONTROL
This segment is used to identify the break between the message detail and message trailer sections.

CNT - C 10 - Control total
This is used to provide message control information for checking on the message receivers in-house system.

SG48 - M 100 - MOA-SG49
A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts pre-paid with relevant references and dates-

MOA - M 1 - Monetary amount
This segment is used to detail prepaid amounts, or total monetary values due for the entire invoice.

SG49 - C 1 - RFF-DTM
A group of segments for giving references and where necessary, their dates, relating e.g. amounts prepaid number.

RFF - M 1 - Reference
This segment is used to specify any references related to the message totals information.

DTM - C 5 - Date/time/period
This segment is used to provide any dates related to the references specified in the previous RFF segment.

SG50 - C 10 - TAX-MOA
A group of segments specifying taxes totals for the invoice.

TAX - M 1 - Duty/tax/fee details
This segment is used to specify the total taxes or duties due on the complete invoice.

MOA - C 2 - Monetary amount
This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.

SG51 - C 15 - ALC-ALI-MOA
A group of segments specifying allowances and charges summary totals for the invoice.

ALC - M 1 - Allowance or charge
This segment is used to specify per allowance or charge type totals for each allowances and charges. Allowances and charges detailed both at the header level an on individual product lines are summarised here.

ALI - C 1 - Additional information
This segment is used to indicate any special conditions applicable to the allowances or charges at summary level.

MOA - C 2 - Monetary amount
This segment is used to specify the total monetary value per allowance or charge type.

UNT - M 1 - MESSAGE TRAILER
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

* * *

5.   Segments Layout

This section describes each segment used in the EANCOM Invoice message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

Notes:

1.   The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.

2.   Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the second column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

         Following the EDIFACT information, EANCOM specific information is provided in the third, fourth, and fifth columns. In the third column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fourth column the restricted indicator (see point 3 on the following page), and in the fifth column notes and code values used for specific data elements in the message.

2.1   (**M**)andatory data elements in EDIFACT segments retain their status in EANCOM.

2.2   Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

         -        REQUIRED   **R**   Indicates that the entity is required and must be sent.

         -        ADVISED   **A**   Indicates that the entity is advised or recommended.

         -        DEPENDENT   **D**   Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.

         -        OPTIONAL   **O**   Indicates that the entity is optional and may be sent at the discretion of the user.

         -        NOT USED   **N**   Indicates that the entity is not used and should be omitted.

2.3   If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.

3.   Status indicators detailed in the fourth column which directly relate to the code values
        detailed in the fifth column may have two values;

-       RESTRICTED   *   A data element marked with an asterix (*) in the fourth
                                        column indicates that the listed codes in column five are the
                                        only codes available for use with this data element, in this
                                        segment, in this message.

-       OPEN   All data elements where coded representation of data is
                                        possible and a restricted set of code values is not indicated
                                        are open (no asterix in fourth column). The available codes
                                        are listed in the EANCOM Data Elements and Code Sets
                                        Directory. Code values may be given as examples or there
                                        may be a note on the format or type of code to be used.

                                        * * *

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UNH - M		1 -	MESSAGE HEADER		

Function   :   To head, identify and specify a message.

Segment number :   1

		EDIFACT	EAN	*	Description
0062	**Message reference number**	M an..14	M		Sender's unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.
S009	**MESSAGE IDENTIFIER**	M	M		
0065	Message type identifier	M an..6	M	*	INVOIC = Invoice message
0052	Message type version number	M an..3	M	*	D = Draft directory
0054	Message type release number	M an..3	M	*	96A = Version 96A
0051	Controlling agency	M an..2	M	*	UN = UN/ECE/TRADE/WP.4, United Nations Standard Messages (UNSM)
0057	Association assigned code	C an..6	R	*	EAN008 = EAN Version control number.
0068	**Common access reference**	C an..35	N		
S010	**STATUS OF THE TRANSFER**	C	N		
0070	Sequence message transfer number	M n..2			
0073	First/last sequence message transfer indication	C a1			

Segment Notes.

This segment is used to head, identify and specify a message.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Invoice based on the D.96A directory under the control of the United Nations.

DE 0057: Indicates that the message is the EANCOM version 008 of the UNSM Invoice.

Example :

UNH+1+INVOIC:D:96A:UN:EAN008'

BGM - M	1 -	Beginning of message			

Function   :   To indicate the type and function of a message and to transmit the identifying number.

Segment number   :   2

		EDIFACT	EAN	*	Description
C002	**DOCUMENT/MESSAGE NAME**	C	R		
1001	Document/message name, coded	C an..3	R	*	82 = Metered services invoice 83 = Credit note related to financial adjustments 84 = Debit note related to financial adjustments 130 = Invoicing data sheet 325 = Proforma invoice 380 = Commercial invoice 381 = Credit note - goods and services 382 = Commission note 383 = Debit note - goods and services 384 = Corrected invoice 385 = Consolidated invoice 386 = Prepayment invoice 389 = Self-billed invoice 390 = Delcredere invoice 393 = Factored invoice
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	N		
1000	Document/message name	C an..35	O		
1004	**Document/message number**	C an..35	R		Invoice Number assigned by document sender.
1225	**Message function, coded**	C an..3	R	*	1 = Cancellation 5 = Replace 7 = Duplicate 9 = Original 31 = Copy 43 = Additional transmission
4343	**Response type, coded**	C an..3	N		

Segment Notes.

This segment is used to indicate the type and function of a message and to transmit the identifying number.

It is recommended that the length of the document number be restricted to a maximum of 17 characters.

DE 1001: It is of critical importance to use the appropriate document name qualifier relevant to the message. Code value 325 may be used to provide valued despatch information. Before using code value '384', it is advised to check with the local tax authorities the legality of using corrected invoices, as some countries may not allow their use.

DE 1225: The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. Consequently, one separate message has to be provided per type of function required. The following definitions apply for the restricted codes:

1 = Cancellation - The current invoice is being cancelled. A new invoice with its own invoice number will be

THE INVOICE

BGM - M	1 -	Beginning of message

Function   :   To indicate the type and function of a message and to transmit the identifying number.

Segment number   : 2

---

raised to take its place. It is recommended that if an invoice is incorrect it must be cancelled and a new one issued or a correcting credit/debit note issued referencing the incorrect invoice.

5 = Replace - To cancel and replace a previously sent message identified in the RFF segment. When a buyer issues a pro-forma invoice to cover a transaction the supplier on receipt of this pro-forma issues a replacement to take its place.

7 = Duplicate - Re-transmission involving the same parties, on the specific request of the receiver.

9 = Original - An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.

31 = Copy - A copy of an invoice for a third party for information purposes.

43 = Additional transmission - Message already transmitted via another communication channel. This transmission is to provide electronically processable data only.

Example :

BGM+380+432097+9'

This example identifies the document as being an original commercial invoice using the code value 380. The document has the reference number 432097.

BGM+82+MSI5422+9'

This example identifies the document as being a metered services invoice using the code value 82. The document has the reference number MSI5422.

DTM - M	35 -	Date/time/period			

Function   :   To specify date, and/or time, or period.

Segment number : 3

	EDIFACT	EAN	*	Description
C507 **DATE/TIME/PERIOD**	M	M		
2005 Date/time/period qualifier	M an..3	M	*	11 = Despatch date and or time 35 = Delivery date/time, actual 50 = Goods receipt date/time 137 = Document/message date/time 263 = Invoicing period 325 = Tax period
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD

Segment Notes.

This segment is used to specify the date or period of the invoice. It may also be used to specify the date on which the goods were despatched, delivered, or received.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the invoice message.

Example :

DTM+137:19971008:102'

The document date is the 8th of October 1997.

DTM+35:199710151430:203'

The invoice relates to a delivery made on the 15th of October 1997 at 2:30pm.

PAI - C 1 -	Payment instructions			
Function :	To specify the instructions for payment.			
Segment number : 4				

		EDIFACT	EAN	*	Description
C534	**PAYMENT INSTRUCTION DETAILS**	M	M		
4439	Payment conditions, coded	C an..3	O		1 = Direct payment OA = Open account (EAN Code)
4431	Payment guarantee, coded	C an..3	O		20 = Goods as security
4461	Payment means, coded	C an..3	O		42 = Payment to bank account 60 = Promissory note 70 = Bill drawn by the creditor on the debtor 10E = Payment terms defined in the Commercial Account Summary (EAN Code) 13E = Payment terms defined in consolidated invoice (EAN Code)
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
4435	Payment channel, coded	C an..3	O		1 = Ordinary post

Segment Notes.

This segment allows the party issuing the Invoice to specify how they would like payment to be made.

Example :

PAI+::42'

DE 4461: Code value '10E, Payment terms defined in the Commercial Account Summary' is used to indicate to the buyer that the payment terms will not be defined in the invoice message but in subsequent commercial account summary message.

ALI - C	5 -	Additional information			

Function   :   To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Segment number   :   5

		EDIFACT	EAN	*	Description
3239	**Country of origin, coded**	C an..3	O		Use ISO 3166 two alpha country code.
9213	**Type of duty regime, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		6 = Subject to bonus 15 = Not subject to discount 65E = Subject to postponed discount (EAN Code) 76E = Special conditions applicable to only this invoice (EAN Code) 78E = Return of goods (EAN Code) 79E = Discrepancies or adjustments (EAN Code) 80E = Annual bonuses (EAN Code)
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		

Segment Notes.

This segment is used to specify any special conditions which apply to the goods being invoiced. The country of origin of all the products (if it is the same) may be specified here in the header section.

Example :

ALI+GB'

FTX - C 10 -	Free text			

Function   :   To provide free form or coded text information.

Segment number   :   6

		EDIFACT	EAN	*	Description
4451	**Text subject qualifier**	M an..3	M		PUR = Purchasing information ZZZ = Mutually defined
4453	**Text function, coded**	C an..3	O	*	1 = Text for subsequent use
C107	**TEXT REFERENCE**	C	D		
4441	Free text, coded	M an..3	M		001 = Reference to standard text between trading partners.
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent
C108	**TEXT LITERAL**	C	D		
4440	Free text	M an..70	M		
4440	Free text	C an..70	O		
4440	Free text	C an..70	O		
4440	Free text	C an..70	O		
4440	Free text	C an..70	O		
3453	**Language, coded**	C an..3	D		ISO 639 two alpha code

Segment Notes.

This segment is used to provide free form or coded text information which applies to the complete invoice message.

Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

Example :

FTX+PUR+1+001::91'

(E.g. Purchasing information standard text code 001 = Please note adjusted payment terms)

Dependency Notes :

DE C107: This composite is only used when trading partners have agreed to use mutually defined code values.

DE C108: This composite is only used if coded text can not be used.

DE 3453: This data element is only used when non coded free text has been provided in data element C108.

SG1 - C   99 - RFF-DTM

RFF   **- M**   1 - Reference

Function   :   To specify a reference.

Segment number   : 7

	EDIFACT	EAN	*	Description
C506 **REFERENCE**	M	M		
1153 Reference qualifier	M an..3	M		AAB = Proforma invoice number AAJ = Delivery order number AAK = Despatch advice number AFO = Beneficiary's reference ALL = Message batch number CIN = Consolidated invoice number (EAN Code) CD = Credit note number COE = Commercial account summary reference number (EAN Code) CR = Customer reference number DL = Debit note number DQ = Delivery note number IV = Invoice number ON = Order number (buyer) PL = Price list number RF = Export reference number VN = Order number (supplier)
1154 Reference number	C an..35	R		
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	N		

Segment Notes.

This segment is used to specify references which relate to the whole invoice, for example, Purchase Order Numbers, Delivery Numbers, etc.

The message batch number (ALL) is included in this segment. This number is used to provide a link between a batch of invoice messages and a TAXCON message.

If the document type is a credit note the invoice to which it relates may need to be specified. This is done using the 'IV' qualifier for DE 1153.

Example :

RFF+ALL:252'

RFF+ON:ORD9523'

SG1 - C 99 - RFF-DTM				
DTM - C 5 - Date/time/period				

Function   :   To specify date, and/or time, or period.

Segment number   :   8

	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	171 = Reference date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 203 = CCYYMMDDHHMM

Segment Notes.

This segment is used to specify any dates related to the references given in the previous RFF segment.

Example :

DTM+171:19970804:102'

SG2	- C	99 -	NAD-FII-SG3-SG5			

NAD	- M	1 -	Name and address

Function	:	To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.

Segment number : 9

		EDIFACT	EAN	*	Description
3035	**Party qualifier**	M an..3	M		BO = Broker or sales office
					BS = Bill and ship to
					BY = Buyer
					CN = Consignee
					CS = Consolidator
					DP = Delivery party
					II = Issuer of invoice
					IV = Invoicee
					PE = Payee
					RE = Party to receive commercial invoice remittance
					SE = Seller
					SN = Store number
					SR = Supplier's agent/representative
					ST = Ship to
					SU = Supplier
C082	**PARTY IDENTIFICATION DETAILS**	C	A		
3039	Party id. identification	M an..35	M		EAN Location Number - Format n13
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering association)
C058	**NAME AND ADDRESS**	C	N		
3124	Name and address line	M an..35			
3124	Name and address line	C an..35			
3124	Name and address line	C an..35			
3124	Name and address line	C an..35			
3124	Name and address line	C an..35			
C080	**PARTY NAME**	C	D		
3036	Party name	M an..35	M		Party Name in clear text.
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3045	Party name format, coded	C an..3	O		
C059	**STREET**	C	D		
3042	Street and number/p.o. box	M an..35	M		Building Name/Number and Street Name

SG2   - C   99 -   NAD-FII-SG3-SG5

NAD - M   1 -   Name and address

Function   :   To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.
Segment number   :   9

		EDIFACT	EAN	*	Description
3042	Street and number/p.o. box	C an..35	O		
3042	Street and number/p.o. box	C an..35	O		
3042	Street and number/p.o. box	C an..35	O		
3164	**City name**	C an..35	D		City/Town name, clear text
3229	**Country sub-entity identification**	C an..9	D		County/State in clear text.
3251	**Postcode identification**	C an..9	D		Postal Code
3207	**Country, coded**	C an..3	D		ISO 3166 two alpha code

Segment Notes.

This segment is used to identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyer's address.

DE 3035: Code value 'CS, Consolidator' is used to identify only parties who provide administrative or invoice consolidating services.

DE 3039: For identification of parties it is recommended to use EAN location numbers.

If coded address information can not be used it is recommended to use a structured address (C080 through 3207).

Example :

NAD+BY+5412345000020::9'
NAD+SU+4012345500004::9'
NAD+DP+5412345000013::9'

Dependency Notes :

The following composites and data elements are only used when a coded name and address can not be used. The affected composites and data elements are as follows:

   C080 - C059 - 3164 - 3229 - 3251 - 3207

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		EDIFACT	EAN	*	Description
SG2	- C	99 -	NAD-FII-SG3-SG5		

		EDIFACT	EAN	*	Description
FII	- C	5 -	Financial institution information		

Function   :   To identify an account and a related financial institution.

Segment number   :   10

		EDIFACT	EAN	*	Description
3035	**Party qualifier**	M an..3	M		PB = Paying financial institution RB = Receiving financial institution
C078	**ACCOUNT IDENTIFICATION**	C	R		
3194	Account holder number	C an..35	R		
3192	Account holder name	C an..35	O		
3192	Account holder name	C an..35	O		
6345	Currency, coded	C an..3	O		ISO 4217 three alpha code
C088	**INSTITUTION IDENTIFICATION**	C	O		
3433	Institution name identification	C an..11	A		
1131	Code list qualifier	C an..3	O		25 = Bank identification
3055	Code list responsible agency, coded	C an..3	O		5 = ISO (International Organization for Standardization)
3434	Institution branch number	C an..17	O		
1131	Code list qualifier	C an..3	O		25 = Bank identification
3055	Code list responsible agency, coded	C an..3	O		5 = ISO (International Organization for Standardization)
3432	Institution name	C an..70	O		
3436	Institution branch place	C an..70	O		
3207	**Country, coded**	C an..3	O		ISO 3166 two alpha code

Segment Notes.

This segment is used to identify financial institution information related to the party identified in the NAD segment.

Example:

FII+RB+994-3277711:NGEISS+KREDBEBB:25:5'

SG2	- C	99 -	NAD-FII-SG3-SG5
SG3	- C	9999 -	RFF
RFF	- M	1 -	Reference

Function   :   To specify a reference.

Segment number   :   11

		EDIFACT	EAN	*	Description
C506	**REFERENCE**	M	M		
1153	Reference qualifier	M an..3	M	*	AP = Accounts receivable number API = Additional party identification (EAN Code) GN = Government reference number IA = Internal vendor number IT = Internal customer number PY = Payee's financial institution account number VA = VAT registration number XA = Company/place registration number
1154	Reference number	C an..35	R		
1156	Line number	C an..6	N		
4000	Reference version number	C an..35	N		

Segment Notes.

This segment is used to specify reference numbers related to the party identified in the previous NAD segment.

Example :

RFF+VA:VR12345'

SG2 - C	99 -	NAD-FII-SG3-SG5
SG5 - C	5 -	CTA-COM
CTA - M	1 -	Contact information

Function   :   To identify a person or a department to whom communication should be directed.

Segment number   :   12

		EDIFACT	EAN	*	Description
3139	**Contact function, coded**	C an..3	R		AD = Accounting contact AP = Accounts payable contact AR = Accounts receivable contact GR = Goods receiving contact PD = Purchasing contact
C056	**DEPARTMENT OR EMPLOYEE DETAILS**	C	O		
3413	Department or employee identification	C an..17	O		
3412	Department or employee	C an..35	O		

Segment Notes.

This segment is used to identify the department and/or person within the party specified in the NAD. The EAN location number is particularly suitable for this purpose.

Example:

CTA+AD+:MARK CARTER'

SG2 - C	99 -	NAD-FII-SG3-SG5
SG5 - C	5 -	CTA-COM
COM - C	5 -	Communication contact

Function   :   To identify a communication number of a department or a person to whom
                             communication should be directed.

Segment number   :   13

	EDIFACT	EAN	*	Description
C076 COMMUNICATION CONTACT	M	M		
3148 Communication number	M an..512	M		
3155 Communication channel qualifier	M an..3	M		EM = Electronic mail FX = Fax TE = Telephone TL = Telex XF = X.400

Segment Notes.

This segment is used to identify the communications number and the type of communications used for the
department person identified in the CTA segment.

Example :

COM+00448132445322:TE'

SG6	- C	5 -	TAX-MOA
TAX	- M	1 -	Duty/tax/fee details

Function   :   To specify relevant duty/tax/fee information.

Segment number :   14

		EDIFACT	EAN	*	Description
5283	**Duty/tax/fee function qualifier**	M an..3	M		5 = Customs duty 7 = Tax
C241	**DUTY/TAX/FEE TYPE**	C	D		
5153	Duty/tax/fee type, coded	C an..3	O		GST = Goods and services tax VAT = Value added tax
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5152	Duty/tax/fee type	C an..35	O		
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	C	O		
5289	Duty/tax/fee account identification	M an..6	M		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5286	**Duty/tax/fee assessment basis**	C an..15	O		
C243	**DUTY/TAX/FEE DETAIL**	C	A		
5279	Duty/tax/fee rate identification	C an..7	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5278	Duty/tax/fee rate	C an..17	R		The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5305	**Duty/tax/fee category, coded**	C an..3	D		A = Mixed tax rate E = Exempt from tax S = Standard rate
3446	**Party tax identification number**	C an..20	O		

Segment Notes.

This segment is used to indicate the type, category, and rate of tax for the complete invoice.

Example :

TAX+7+VAT+++:::21+S'

Dependency Notes :

DE C241 and 5305: Tax types and categories will vary from country to country. They should be defined by national guidelines.

SG6	- C		5 -	TAX-MOA				

MOA	- C		1 -	Monetary amount				

Function   :   To specify a monetary amount.

Segment number   :   15

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		124 = Tax amount
					125 = Taxable amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is to be used to provide tax related monetary amounts relevant to the complete invoice. These amount should be added to any amounts specified in the detail section in order to calculate the total invoice tax amounts contained in the summary section.

Example:

MOA+124:154.54'

SG7 - C		5 - CUX-DTM			

CUX - M		1 - Currencies			

Function	:	To specify currencies used in the transaction and relevant details for the rate of exchange.			
Segment number	:	16			

		EDIFACT	EAN	*	Description
C504	**CURRENCY DETAILS**	C	R		
6347	Currency details qualifier	M an..3	M	*	2 = Reference currency
6345	Currency, coded	C an..3	R		ISO 4217 three alpha
6343	Currency qualifier	C an..3	R	*	4 = Invoicing currency 10 = Pricing currency 11 = Payment currency
6348	Currency rate base	C n..4	N		
C504	**CURRENCY DETAILS**	C	D		
6347	Currency details qualifier	M an..3	M	*	3 = Target currency
6345	Currency, coded	C an..3	R		ISO 4217 three alpha
6343	Currency qualifier	C an..3	R	*	4 = Invoicing currency 10 = Pricing currency 11 = Payment currency
6348	Currency rate base	C n..4	O		
5402	**Rate of exchange**	C n..12	D		The rate of exchange which applies to the currencies.
6341	**Currency market exchange, coded**	C an..3	N		

Segment Notes.

This segment is used to specify currency information for the complete invoice.

The CUX Segment may be omitted for national exchanges.
The CUX Segment is mandatory for international exchanges.

When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.

The general rule for calculating the rate of exchange is as follows :

Reference Currency multiplied by Rate = Target Currency.

Example :

1. Where only the invoicing currency needs to be identified for national trade.

CUX+2:GBP:4'

2. For international trade, the invoicing currency is identified as Pounds Sterling but the payment currency is to be in Belgian Francs. The rate of exchange between the two is 48.50 Belgian Francs to 1 Pound Sterling.

CUX+2:GBP:4+3:BEF:11+48.50'

SG7 - C	5 -	CUX-DTM
CUX **- M**	1 -	Currencies
Function : Segment number : 16		To specify currencies used in the transaction and relevant details for the rate of exchange.

Dependency Notes :

C504: The second occurrence of this composite if only used is a target currency is being specified.

5402: The rate of exchange is only used if a target currency has been identified in the second occurrence of C504.

SG7   - C   5 -   CUX-DTM

DTM - C   5 -   Date/time/period

Function   :   To specify date, and/or time, or period.

Segment number   :   17

	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	134 = Rate of exchange date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD

Segment Notes.

This segment is used to specify the date on which a rate of exchange was quoted.

Example :

DTM+134:19971010:102'

SG8 - C	10 -	PAT-DTM-PCD-MOA			
PAT - M	1 -	Payment terms basis			

Function	:	To specify the payment terms basis.
Segment number	:	18

		EDIFACT	EAN	*	Description
4279	**Payment terms type qualifier**	M an..3	M		1 = Basic 3 = Fixed date 7 = Extended 20 = Penalty terms 22 = Discount 10E = Complete payment (EAN Code)
C110	**PAYMENT TERMS**	C	N		
4277	Terms of payment identification	M an..17			
1131	Code list qualifier	C an..3			
3055	Code list responsible agency, coded	C an..3			
4276	Terms of payment	C an..35			
4276	Terms of payment	C an..35			
C112	**TERMS/TIME INFORMATION**	C	O		
2475	Payment time reference, coded	M an..3	M		5 = Date of invoice
2009	Time relation, coded	C an..3	O		3 = After reference
2151	Type of period, coded	C an..3	O		D = Day M = Month WD = Working days Y = Year
2152	Number of periods	C n..3	O		Number of periods for payment.

Segment Notes.

This segment is used by the issuer of the invoice to specify the payment terms for the complete invoice.

Example :

The following example indicates basic payment terms with payment due 30 days after the reference date which is the invoice date.

PAT+1++5:3:D:30'

SG8   - C   10 -   PAT-DTM-PCD-MOA

DTM - C   5 -   Date/time/period

Function   :   To specify date, and/or time, or period.

Segment number   :   19

	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	7 = Effective date/time 12 = Terms discount due date/time 13 = Terms net due date 209 = Value date 326 = Charge period
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD

Segment Notes.

This segment is used to specify any dates associated with the payment terms for the invoice.

Example :

Net due date for payment the 31st August 1997.

DTM+13:19970831:102'

SG8 - C	10 -	PAT-DTM-PCD-MOA

PCD - C	1 -	Percentage details

Function   :   To specify percentage information.

Segment number   :   20

	EDIFACT	EAN	*	Description
C501 **PERCENTAGE DETAILS**	M	M		
5245 Percentage qualifier	M an..3	M		7 = Percentage of invoice 12 = Discount 15 = Penalty percentage 16 = Interest percentage
5482 Percentage	C n..10	R		
5249 Percentage basis, coded	C an..3	O		13 = Invoice value
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		

Segment Notes.

This segment is used to specify percentages which will be allowed or charged if the invoicee pays (does not pay) to terms.

Example :

PCD+15:2.5:13'

SG8 - C	10 -	PAT-DTM-PCD-MOA			
MOA - C	1 -	Monetary amount			

Function	:	To specify a monetary amount.
Segment number	:	21

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		21 = Cash discount
					23 = Charge amount
5004	Monetary amount	C n..18	R		Actual value being charged/discounted.
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify monetary values which will be allowed or charged if the invoicee pays (does not pay) to terms.

Example :

MOA+21:100'

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		EDIFACT	EAN	*	Description
SG9	- C	10 - TDT			
TDT	- M	1 - Details of transport			
Function	:	To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.			
Segment number	:	22			

		EDIFACT	EAN	*	Description
8051	**Transport stage qualifier**	M an..3	M		20 = Main-carriage transport
8028	**Conveyance reference number**	C an..17	O		Reference number covering the transport.
C220	**MODE OF TRANSPORT**	C	A		
8067	Mode of transport, coded	C an..3	R		10 = Maritime transport 20 = Rail transport 30 = Road transport 40 = Air transport
8066	Mode of transport	C an..17	N		
C228	**TRANSPORT MEANS**	C	O		
8179	Type of means of transport identification	C an..8	D		23 = Rail bulk car 25 = Rail express 31 = Truck
8178	Type of means of transport	C an..17	D		
C040	**CARRIER**	C	O		
3127	Carrier identification	C an..17	A		EAN Location Number - Format 13n
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	A	*	9 = EAN (International Article Numbering association) 60 = Assigned by national trade agency
3128	Carrier name	C an..35	O		
8101	**Transit direction, coded**	C an..3	O		BS = Buyer to supplier SB = Supplier to buyer
C401	**EXCESS TRANSPORTATION INFORMATION**	C	N		
8457	Excess transportation reason, coded	M an..3			
8459	Excess transportation responsibility, coded	M an..3			
7130	Customer authorization number	C an..17			
C222	**TRANSPORT IDENTIFICATION**	C	O		
8213	Id. of means of transport identification	C an..9	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
8212	Id. of the means of transport	C an..35	R		Vehicle licence plate/Aircraft number
8453	Nationality of means of transport, coded	C an..3	O		ISO 3166 two alpha code

SG9 - C	10 -	TDT			
TDT - M	1 -	Details of transport			

Function   :   To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Segment number   :   22

		EDIFACT	EAN	*	Description
8281	**Transport ownership, coded**	C an..3	N		

<u>Segment Notes.</u>

This segment is used to specify transport services provided for the delivery of the invoiced line items, such as express transport services.

Example :

TDT+20++30+31'

Dependency Notes :

Data Elements 8179 and 8178 are only used when the type of transport must be specifically identified, i.e. where a generic description such as road transport is unsuitable.

SG12 - C	5 -	TOD-LOC
TOD - M	1 -	Terms of delivery or transport

Function	:	To specify terms of delivery or transport.
Segment number	: 23	

		EDIFACT	EAN	*	Description
4055	**Terms of delivery or transport function, coded**	C an..3	R		3 = Price and despatch condition 6 = Delivery condition
4215	**Transport charges method of payment, coded**	C an..3	O		DF = Defined by buyer and supplier PC = Prepaid but charged to customer
C100	**TERMS OF DELIVERY OR TRANSPORT**	C	A		
4053	Terms of delivery or transport, coded	C an..3	R	*	Use INCOTERMS 1990 (See EANCOM Codes Set)
1131	Code list qualifier	C an..3	D		
3055	Code list responsible agency, coded	C an..3	D		
4052	Terms of delivery or transport	C an..70	O		
4052	Terms of delivery or transport	C an..70	O		

Segment Notes.

This segment is used to specify the terms of delivery for the complete invoice. When specifying terms of delivery it is required in EANCOM to use Incoterms.

Example :

TOD+3++CIF'

Dependency Notes :

Data elements 1131 and 3055 are only used if specific terms of delivery codes, which are outside those recommended by EDIFACT, are being used.

SG12 - C	5 -	TOD-LOC
LOC - C	2 -	Place/location identification

Function	:	To identify a country/place/location/related location one/related location two.
Segment number	:	24

		EDIFACT	EAN	*	Description
3227	**Place/location qualifier**	M an..3	M		1 = Place of terms of delivery
					5 = Place of departure
					7 = Place of delivery
C517	**LOCATION IDENTIFICATION**	C	A		
3225	Place/location identification	C an..25	A		UN/LOCODE
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		6 = UN/ECE (United Nations - Economic Commission for Europe)
3224	Place/location	C an..70	O		
C519	**RELATED LOCATION ONE IDENTIFICATION**	C	O		
3223	Related place/location one identification	C an..25			
1131	Code list qualifier	C an..3			
3055	Code list responsible agency, coded	C an..3			
3222	Related place/location one	C an..70			
C553	**RELATED LOCATION TWO IDENTIFICATION**	C	N		
3233	Related place/location two identification	C an..25			
1131	Code list qualifier	C an..3			
3055	Code list responsible agency, coded	C an..3			
3232	Related place/location two	C an..70			
5479	**Relation, coded**	C an..3	N		

Segment Notes.

This segment is used to identify the location where the terms of delivery apply.

Example :

LOC+1+ARBUE::6'

SG13 - C 1000 - PAC				
PAC - M 1 - Package				
Function : To describe the number and type of packages/physical units.				
Segment number : 25				

		EDIFACT	EAN	*	Description
7224	**Number of packages**	C n..8	O		
C531	**PACKAGING DETAILS**	C	O		
7075	Packaging level, coded	C an..3	O		
7233	Packaging related information, coded	C an..3	O		
7073	Packaging terms and conditions, coded	C an..3	O		1 = Packaging cost paid by supplier 2 = Packaging cost paid by recipient 3 = Packaging cost not charged (returnable)
C202	**PACKAGE TYPE**	C	R		
7065	Type of packages identification	C an..17	A		AE = Aerosol CR = Crate CX = Can, cylindrical
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
7064	Type of packages	C an..35	O		
C402	**PACKAGE TYPE IDENTIFICATION**	C	N		
7077	Item description type, coded	M an..3			
7064	Type of packages	M an..35			
7143	Item number type, coded	C an..3			
7064	Type of packages	C an..35			
7143	Item number type, coded	C an..3			
C532	**RETURNABLE PACKAGE DETAILS**	C	D		
8395	Returnable package freight payment responsibility, coded	C an..3	O		1 = Paid by customer 3 = Paid by supplier
8393	Returnable package load contents, coded	C an..3	N		

Segment Notes.

This segment is used to enable the invoice message to be used as valued despatch advice message by detailing the total count of each package type being invoiced.

Example:

PAC+6++CR'

The invoice relates to 6 crates.

Dependency notes:

SG13 - C	1000 -	PAC
PAC **-** M	1 -	Package
Function : To describe the number and type of packages/physical units. Segment number : 25		
Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for payment of its return.		

SG15 - C		9999 -	ALC-SG17-SG18-SG19-SG20-SG21			
ALC - M		1 -	Allowance or charge			

Function   :   To identify allowance or charge details.

Segment number   :   26

		EDIFACT	EAN	*	Description
5463	**Allowance or charge qualifier**	M an..3	M		A = Allowance C = Charge
C552	**ALLOWANCE/CHARGE INFORMATION**	C	O		
1230	Allowance or charge number	C an..35	O		
5189	Charge/allowance description, coded	C an..3	O		64E = Yearly turnover allowance/charge (EAN Code)
4471	**Settlement, coded**	C an..3	O		1 = Bill back 2 = Off invoice 5 = Charge to be paid by vendor 6 = Charge to be paid by customer
1227	**Calculation sequence indicator, coded**	C an..3	D		1 = First step of calculation 2 = Second step of calculation etc, etc, etc, 9 = Ninth step of calculation
C214	**SPECIAL SERVICES IDENTIFICATION**	C	D		
7161	Special services, coded	C an..3	R		AJ = Adjustments CAC = Cash discount COD = Cash on delivery (EAN Code) EAB = Early payment allowance FC = Freight charge FI = Finance charge HD = Handling QD = Quantity discount
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
7160	Special service	C an..35	O		
7160	Special service	C an..35	O		

Segment Notes.

This segment is used to indicate any Allowances or Charges applicable to the total invoice, e.g. packaging costs.

Allowances or charges specified in the detail section do not override or replace allowances or charges specified at header level but compliment them.

DE 1227: The calculation sequence indicator is used when multiple allowances and/or charges are applicable. If various allowances and/or charges percentages, quantities, monetary amounts, or, rates are applicable to the same base price, then the calculation sequence indicator will always equal one. If the various allowances and/or charges are applied against a fluctuating price (constantly changing because of the application of other allowances and/or charges) then the sequence of calculation is indicated using this data element.

Example :

SG15 - C	9999 -	ALC-SG17-SG18-SG19-SG20-SG21
ALC **- M**	1 -	Allowance or charge

Function   :   To identify allowance or charge details.

Segment number   :   26

ALC+C++6++FC'

Freight charges to be paid by the customer.

Dependency Notes :

DE 1227: If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.

DE C214: This composite is only included if the buyer knows the type of allowance or charge and is agreed between trading partners in their interchange agreement.

SG15 - C	9999 -	ALC-SG17-SG18-SG19-SG20-SG21
SG17 - C	1 -	QTY
QTY - M	1 -	Quantity

Function   :   To specify a pertinent quantity.

Segment number :   27

		EDIFACT	EAN	*	Description
C186	**QUANTITY DETAILS**	M	M		
6063	Quantity qualifier	M an..3	M		1 = Discrete quantity
6060	Quantity	M n..15	M		Actual quantity being allowed or charged.
6411	Measure unit qualifier	C an..3	D		KGM = Kilogram LTR = Litre (1 dm3)

Segment Notes.

This segment is used to specify any quantity discounts or charges for the current ALC segment group.

Example :

QTY+1:152'

Dependency Notes :

DE 6411 is only used if a variable quantity product or service is being indicated in the allowance or charge.

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SG15 - C	9999 -	ALC-SG17-SG18-SG19-SG20-SG21		
SG18 - C	1 -	PCD		
PCD - M	1 -	Percentage details		

Function   :   To specify percentage information.

Segment number :   28

	EDIFACT	EAN	*	Description
C501 **PERCENTAGE DETAILS**	M	M		
5245 Percentage qualifier	M an..3	M		1 = Allowance 2 = Charge
5482 Percentage	C n..10	R		
5249 Percentage basis, coded	C an..3	O		1 = Per unit 13 = Invoice value
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		

Segment Notes.

This segment is used to specify any percentage discounts or charges for the current ALC segment group.

Example :

PCD+1:1.45:13'

SG15 - C	9999 -	ALC-SG17-SG18-SG19-SG20-SG21
SG19 - C	2 -	MOA
MOA - M	1 -	Monetary amount

Function   :   To specify a monetary amount.

Segment number   :   29

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		8 = Allowance or charge amount 23 = Charge amount 236 = Amount subject to price adjustment
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify any monetary discounts or charges for the current ALC segment group.

Example :

MOA+8:125.00'

SG15 - C		9999 -	ALC-SG17-SG18-SG19-SG20-SG21
SG20 - C		1 -	RTE

RTE - M	1 -	Rate details

Function   :   To specify rate information.

Segment number   :   30

		EDIFACT	EAN	*	Description
C128	**RATE DETAILS**	M	M		
5419	Rate type qualifier	M an..3	M		1 = Allowance rate 2 = Charge rate
5420	Rate per unit	M n..15	M		Used to identify the monetary value.
5284	Unit price basis	C n..9	O		The quantity required for the rate to be effective.
6411	Measure unit qualifier	C an..3	D		KGM = Kilogram LTR = Litre (1 dm3)

Segment Notes.

This segment is used to specify rate discounts or charges for the current ALC segment group.

Example :

RTE+1:500:100'

Allowance rate of 500 BEF per 100 units (the value is expressed in the currency of the message).

Dependency Notes :

DE 6411 is only used if a variable quantity product or service is being indicated in the allowance or charge.

SG15 - C	9999 -	ALC-SG17-SG18-SG19-SG20-SG21
SG21 - C	5 -	TAX-MOA
TAX - M	1 -	Duty/tax/fee details

Function   :   To specify relevant duty/tax/fee information.

Segment number   :   31

		EDIFACT	EAN	*	Description
5283	**Duty/tax/fee function qualifier**	M an..3	M		5 = Customs duty 7 = Tax
C241	**DUTY/TAX/FEE TYPE**	C	D		
5153	Duty/tax/fee type, coded	C an..3	O		GST = Goods and services tax VAT = Value added tax
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5152	Duty/tax/fee type	C an..35	O		
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	C	O		
5289	Duty/tax/fee account identification	M an..6	M		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5286	**Duty/tax/fee assessment basis**	C an..15	O		
C243	**DUTY/TAX/FEE DETAIL**	C	A		
5279	Duty/tax/fee rate identification	C an..7	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5278	Duty/tax/fee rate	C an..17	R		The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5305	**Duty/tax/fee category, coded**	C an..3	D		A = Mixed tax rate E = Exempt from tax S = Standard rate
3446	**Party tax identification number**	C an..20	O		

Segment Notes.

This segment is used to signify whether the allowances and charges specified in SG14 are subject to tax.

Example :

TAX+7+VAT+++:::21+S'

Dependency Notes:

DE C241 and 5305: Tax types and categories will vary from country to country. They should be defined by

SG21 - C	5 -	TAX-MOA	
TAX - M	1 -	Duty/tax/fee details	
Function : To specify relevant duty/tax/fee information. Segment number : 31			
national guidelines.			

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SG15 - C	9999 -	ALC-SG17-SG18-SG19-SG20-SG21
SG21 - C	5 -	TAX-MOA
MOA - C	1 -	Monetary amount

Function   :   To specify a monetary amount.

Segment number   :   32

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		124 = Tax amount
					125 = Taxable amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to indicate tax or duty amount for the tax rates specified in the previous TAX segment.

Example :

MOA+124:154.76'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

LIN - M	1 -	Line item

Function   :   To identify a line item and configuration.

Segment number : 33

		EDIFACT	EAN	*	Description
1082	**Line item number**	C n..6	R		Application generated number of the item lines within the invoice.
1229	**Action request/notification, coded**	C an..3	N		
C212	**ITEM NUMBER IDENTIFICATION**	C	D		
7140	Item number	C an..35	R		Format n..14. EAN-8, UPC-A, EAN-13, or DUN-14 - this is the number of the article being invoiced.
7143	Item number type, coded	C an..3	R	*	EN = International Article Numbering Association (EAN) UP = UPC (Universal product code)
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		9 = EAN (International Article Numbering association)
C829	**SUB-LINE INFORMATION**	C	D		
5495	Sub-line indicator, coded	C an..3	R	*	1 = Sub-line information
1082	Line item number	C n..6	R		
1222	**Configuration level**	C n..2	N		
7083	**Configuration, coded**	C an..3	D		A = Added to the configuration D = Deleted from the configuration I = Included in the configuration

Segment Notes.

This segment is used to indicate the beginning of the detail section of the Invoice message. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Example :

LIN+1++4000862141404:EN'

Dependency Notes :

C212: This composite is only used for the identification of EAN/UPC codes. If another coding structure is required, e.g., HIBC, this composite will not be used and the code will be detailed in the PIA segment.

DE C829 and 7083: These composites are only used when sub-lines are required.

FOR A COMPLETE DESCRIPTION ON THE USAGE OF SUB-LINES PLEASE REFER TO PART I, SECTION 4.11 .

SG25 - C	9999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

PIA - C	25 - Additional product id

Function	:	To specify additional or substitutional item identification codes.
Segment number	: 34	

		EDIFACT	EAN	*	Description
4347	**Product id. function qualifier**	M an..3	M	*	1 = Additional identification 4 = Substituted for 5 = Product identification
C212	**ITEM NUMBER IDENTIFICATION**	M	M		
7140	Item number	C an..35	R		
7143	Item number type, coded	C an..3	R		EN = International Article Numbering Association (EAN) PV = Promotional variant number HS = Harmonised system IN = Buyer's item number SA = Supplier's article number
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		9 = EAN (International Article Numbering association) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent
C212	**ITEM NUMBER IDENTIFICATION**	C	O		
7140	Item number	C an..35	R		
7143	Item number type, coded	C an..3	R		
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		
C212	**ITEM NUMBER IDENTIFICATION**	C	O		
7140	Item number	C an..35	R		
7143	Item number type, coded	C an..3	R		
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		
C212	**ITEM NUMBER IDENTIFICATION**	C	O		
7140	Item number	C an..35	R		
7143	Item number type, coded	C an..3	R		
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		
C212	**ITEM NUMBER**	C	O		

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

PIA - C	25 -	Additional product id

Function   :   To specify additional or substitutional item identification codes.

Segment number   :   34

	EDIFACT	EAN	*	Description
IDENTIFICATION				
7140 Item number	C an..35	R		
7143 Item number type, coded	C an..3	R		
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	O		

Segment Notes.

This segment is used to specify additional or substitutional item identification codes such as a buyer's or supplier's item number.

DE 4347: Product Id function coded has the following restricted coded functions:

1 - Additional Identification - To provide an additional identity for the product identified in the LIN segment. The additional identification can consist of :

A supplemental identification which provides more information complementary to the main article number provided in the LIN segment, e.g. a batch number, promotional variant number, product group number, etc.

An alternative identification which may be used instead of the main article number provided in the LIN segment, e.g. a buyers article number, an HIBC code, etc.

4 - Substituted For - To provide the article number of a product which has been substituted for the product identified with the article number provided in the LIN segment.

In the Invoice this function code may be used to inform trading partners of the article number of the product originally ordered which has been substituted for another product identified in the LIN segment.

5 - Product Identification - To provide an additional product identification which is of equal importance or significance to the code provided in the LIN segment.

Examples :

PIA+1+ABC5343:IN'

In this example the PIA segment is used to provide an additional identification to the article number provided in the LIN segment. The EAN article number 4000862141404 provided in the LIN segment refers to the internal buyer's item number ABC5343.

PIA+4+5412345111184:EN'

In this example the PIA segment is used to provide the article number of the product which has been substituted by the invoiced product identified in the LIN segment by the EAN article number 4000862141404.

PIA+5+4000862141411:EN'

This example details the article number 4000862141411 which is of equal importance or significance to the article

SG25 - C   9999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
PIA   - C   25 - Additional product id
Function   :   To specify additional or substitutional item identification codes. Segment number   :   34
number 4000862141404 identified in the LIN segment.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

IMD - C	10 -	Item description

Function	:	To describe an item in either an industry or free format.
Segment number	:	35

		EDIFACT	EAN	*	Description
7077	**Item description type, coded**	C an..3	O	*	A = Free-form long description C = Code (from industry code list) E = Free-form short description F = Free-form S = Structured (from industry code list)
7081	**Item characteristic, coded**	C an..3	O		
C273	**ITEM DESCRIPTION**	C		A	
7009	Item description identification	C an..17	O		CU = Consumer unit (EAN Code) DU = Despatch unit (EAN Code) RC = Returnable container (EAN Code) TU = Traded unit (EAN Code) VQ = Variable quantity product (EAN Code) SER = Service (EAN Code)
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		9 = EAN (International Article Numbering association) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent
7008	Item description	C an..35	O		
7008	Item description	C an..35	O		
3453	Language, coded	C an..3	O		
7383	**Surface/layer indicator, coded**	C an..3	N		

Segment Notes.

This segment is used to provide a description for the current line item.

It is recommended that this segment only be used for coded descriptions. Data element 7008 in clear text should only be used when no product code is available or when free-form descriptions are required by trading partners to communicate basic product descriptions.

EAN International recommends that free text product description be provided in the EANCOM price/sales catalogue (PRICAT) and there after referred to using an EAN article number.

If both free-form and coded descriptions are required then the IMD segment must be repeated.

Example :

IMD+C++TU::9'

IMD+F++:::CORN CRUNCHIES:CASE'

SG25 - C 9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44			

MEA - C 5 -	Measurements			

Function	:	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number	:	36			

		EDIFACT	EAN	*	Description
6311	**Measurement application qualifier**	M an..3	M		PD = Physical dimensions (product ordered) SO = Storage limitation TL = Transportation equipment limitations
C502	**MEASUREMENT DETAILS**	C	A		
6313	Measurement dimension, coded	C an..3	A		AAA = Unit net weight AAF = Net net weight HT = Height dimension LN = Length dimension WD = Width dimension
6321	Measurement significance, coded	C an..3	O		3 = Approximately 4 = Equal to
6155	Measurement attribute, coded	C an..3	N		
6154	Measurement attribute	C an..70	N		
C174	**VALUE/RANGE**	C	R		
6411	Measure unit qualifier	M an..3	M		CEL = Degree celsius KGM = kilogram MMT = Millimetre MTK = Square metre
6314	Measurement value	C n..18	O		
6162	Range minimum	C n..18	O		
6152	Range maximum	C n..18	O		
6432	Significant digits	C n..2	O		
7383	**Surface/layer indicator, coded**	C an..3	N		

Segment Notes.

This segment is used to specify the physical dimensions, storage limitations, or transport equipment limitations of a product.

Example :

Product with dimensions 500mm x 200mm x 100mm.

MEA+PD+HT+MMT:500'
MEA+PD+LN+MMT:200'
MEA+PD+WD+MMT:100'

SG25 - C   9999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

QTY - C   5 -   Quantity

Function   :   To specify a pertinent quantity.

Segment number   :   37

	EDIFACT	EAN	*	Description
C186 **QUANTITY DETAILS**	M	M		
6063 Quantity qualifier	M an..3	M	*	1 = Discrete quantity 46 = Delivered quantity 47 = Invoiced quantity 59 = Number of consumer units in the traded unit 61 = Return quantity 192 = Free goods quantity 194 = Received and accepted 39E = Minimum invoicing quantity (EAN Code)
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		C0 = Call DAY = Day KGM = Kilogram LNE = Printed line count (EAN Code) MTK = Square metre PGE = Page (EAN Code) QAN = Quarter (of a year) WRD = Word (EAN Code)

Segment Notes.

This segment is used to specify quantities related to the current line item.

DE 6063: The code value '1, Discrete quantity' is used at sub-line level to indicate the quantity of sub-line items included in the main line being invoiced.

Example :

QTY+47:40'

Dependency Notes :

DE 6411: This DE is only used if the product being invoiced is of variable quantity.

SG25 - C 9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

ALI - C	5 -	Additional information

Function	:	To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.
Segment number	: 38	

		EDIFACT	EAN	*	Description
3239	**Country of origin, coded**	C an..3	O		Use ISO 3166 two alpha country code.
9213	**Type of duty regime, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		6 = Subject to bonus 15 = Not subject to discount
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		

Segment Notes.

This segment is used to indicate special conditions or the country of origin of the current line item.

Example :

ALI+GB'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

DTM - C	35 -	Date/time/period

Function   :   To specify date, and/or time, or period.

Segment number   :   39

	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	11 = Despatch date and or time 35 = Delivery date/time, actual 50 = Goods receipt date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD

Segment Notes.

This segment is used to specify the date of despatch, delivery, or receipt of the current line item.

Example :

DTM+35:19970801:102'

SG25 - C 9999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44			

QVR - C 1 - Quantity variances			

Function : To specify item details relating to quantity variances.

Note: This segment replaces segment QVA (which has been deleted in this directory).

Segment number : 40

	EDIFACT	EAN	*	Description
C279 QUANTITY DIFFERENCE INFORMATION	C	R		
6064 Quantity difference	M n..15	M		Specify the actual variance amount here.
6063 Quantity qualifier	C an..3	R	*	12 = Despatch quantity 21 = Ordered quantity 61 = Return quantity 119 = Short shipped 121 = Over shipped 124 = Damaged goods
4221 Discrepancy, coded	C an..3	O		BP = Shipment partial - back order to follow CP = Shipment partial - considered complete, no backorder OW = Item out of stock at wholesaler TW = Item temporarily discontinued by wholesaler
C960 REASON FOR CHANGE	C	O		
4295 Change reason, coded	C an..3	O		AJT = Adjustment (EAN Code)
1131 Code list qualifier	C an..3	O		
3055 Code list responsible agency, coded	C an..3	O		9 = EAN (International Article Numbering association)
4294 Change reason	C an..35	O		

Segment Notes.

This segment is used to specify any variances between what was ordered, what was shipped/despatched and what is being invoiced.

For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.

DE 6063: The codes 12 and 21 should only be used to report differences between the invoiced quantity and what was actually despatched or ordered. The codes 61 and 124 should only be used to (negatively) indicate the quantity of items which was delivered but found to be damaged, and/or returned.

Example :

QVR+-20:21'

This example shows a variance of 20 between what is being invoiced (QTY at LIN level) and what was originally ordered.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

FTX - C	5 -	Free text

Function   :   To provide free form or coded text information.

Segment number   :   41

	EDIFACT	EAN	*	Description
4451 **Text subject qualifier**	M an..3	M		CHG = Change information ZZZ = Mutually defined
4453 **Text function, coded**	C an..3	O	*	1 = Text for subsequent use
C107 **TEXT REFERENCE**	C	D		
4441 Free text, coded	M an..3	M		002 = ... Standard text code.....
1131 Code list qualifier	C an..3	O		
3055 Code list responsible agency, coded	C an..3	O		91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent
C108 **TEXT LITERAL**	C	D		
4440 Free text	M an..70	M		
4440 Free text	C an..70	O		
4440 Free text	C an..70	O		
4440 Free text	C an..70	O		
4440 Free text	C an..70	O		
3453 **Language, coded**	C an..3	D		ISO 639 two alpha code

Segment Notes.

This segment is used to provide free form or coded text information which applies to the current line item.

The use of the FTX segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal or other requirements.

Example :

FTX+ZZZ+1+002'

e.g. Standard Text Code 002 = 'Missing items will be shipped next week.'

Dependency Notes :

DE C107: This composite is only used when trading partners have agreed to use mutually defined code values.

DE C108: This composite is only used if coded text can not be used.

DE 3453: This data element is only used when non coded free text has been provided in data element C108

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG26 - C	5 -	MOA
MOA - M	1 -	Monetary amount

Function   :   To specify a monetary amount.

Segment number   :   42

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		66 = Goods item total
					203 = Line item amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	O		ISO 4217 three alpha
6343	Currency qualifier	C an..3	O	*	4 = Invoicing currency
					10 = Pricing currency
					11 = Payment currency
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify monetary amounts related to the current line item.

Use code 203 if the price given in the PRI segment is a gross price, i.e.,
Item Amount = (Quantity * Unit Gross Price) + Charges - Allowances

Use code 66 if the price given in the PRI segment is a net price, i.e.,
Item Amount = Quantity * Unit Net Price

Example :

MOA+203:580'

This example shows the line item amount as 580. This figure is derived from multiplying the invoiced quantity, 40, by the price 14.50.

SG25	- C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG27	- C	10 -	PAT-DTM-PCD-MOA
PAT	- M	1 -	Payment terms basis

Function : To specify the payment terms basis.

Segment number : 43

		EDIFACT	EAN	*	Description
4279	**Payment terms type qualifier**	M an..3	M		1 = Basic 3 = Fixed date 7 = Extended 20 = Penalty terms 22 = Discount
C110	**PAYMENT TERMS**	C	N		
4277	Terms of payment identification	M an..17			
1131	Code list qualifier	C an..3			
3055	Code list responsible agency, coded	C an..3			
4276	Terms of payment	C an..35			
4276	Terms of payment	C an..35			
C112	**TERMS/TIME INFORMATION**	C	O		
2475	Payment time reference, coded	M an..3	M		5 = Date of invoice 52 = Due date of negotiable instrument
2009	Time relation, coded	C an..3	O		3 = After reference
2151	Type of period, coded	C an..3	O		D = Day M = Month WD = Working days Y = Year
2152	Number of periods	C n..3	O		

Segment Notes.

This segment is used to identify specific payment terms for the current line item.

Example :

The following example indicates extended payment terms with payment due 90 days after the reference date which is the invoice date.

PAT+7++5:3:D:90'

SG25	- C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG27	- C	10 -	PAT-DTM-PCD-MOA
DTM	- C	5 -	Date/time/period

Function   :   To specify date, and/or time, or period.

Segment number   :   44

		EDIFACT	EAN	*	Description
C507	**DATE/TIME/PERIOD**	M	M		
2005	Date/time/period qualifier	M an..3	M		12 = Terms discount due date/time 13 = Terms net due date 140 = Payment due date 209 = Value date
2380	Date/time/period	C an..35	R		
2379	Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD

Segment Notes.

This segment is used to specify any dates associated with the payment terms provided in the previous PAT segment.

Example :

DTM+13:19970830:102'

SG25	- C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30- SG32-SG33-SG34-SG38-SG44
SG27	- C	10 -	PAT-DTM-PCD-MOA
PCD	- C	1 -	Percentage details

Function	:	To specify percentage information.
Segment number	:	45

		EDIFACT	EAN	*	Description
C501	**PERCENTAGE DETAILS**	M	M		
5245	Percentage qualifier	M an..3	M		12 = Discount 15 = Penalty percentage
5482	Percentage	C n..10	R		
5249	Percentage basis, coded	C an..3	N		
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	N		

Segment Notes.

This segment specifies the penalty or discount percentage applicable for the terms of payment defined in the PAT segment.

Example :

PCD+12:2.5'

		EDIFACT	EAN	*	Description

SG25 - C   9999999 - LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44

SG27 - C   10 - PAT-DTM-PCD-MOA

MOA - C   1 - Monetary amount

Function   :   To specify a monetary amount.

Segment number :   46

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		52 = Discount amount 201 = Penalty amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment specifies the penalty or discount monetary amount applicable for the terms of payment defined in the PAT segment.

Example :

MOA+201:100'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG28 - C	25 -	PRI
PRI - M	1 -	Price details

Function   :   To specify price information.

Segment number :   47

		EDIFACT	EAN	*	Description
C509	**PRICE INFORMATION**	C	R		
5125	Price qualifier	M an..3	M		AAA = Calculation net - Note 1 AAB = Calculation gross - Note 2 AAE = Information price, excluding allowances or charges, including taxes AAF = Information price, including allowances or charges, and taxes
5118	Price	C n..15	R		
5375	Price type, coded	C an..3	O		CA = Catalogue CT = Contract
5387	Price type qualifier	C an..3	O		DPR = Discount price PPR = Provisional price PRP = Promotional price RTP = Retail price SRP = Suggested retail price
5284	Unit price basis	C n..9	D		
6411	Measure unit qualifier	C an..3	D		KGM = Kilogram
5213	**Sub-line price change, coded**	C an..3	N		

Segment Notes.

This segment is used to specify price information for the current line item.

Example :

For all the following examples the invoicing currency has already been identified as Pounds Sterling.

PRI+AAA:14.50:CA'

Net price of 14.50 (excluding tax) to be used for calculation purposes. This price includes all allowances and charges. The price is a catalogue price.

PRI+AAB:25:CT'

Gross calculation price of 25 (excluding tax) which does not include any allowances or charges. The price is a contract price.

PRI+AAE:2.56:CA:SRP'

Price of 2.56 is a suggested retail price from the catalogue which does not include any allowances or charges but includes taxes.

PRI+AAF:4.20:CA:RTP'

SG28 - C	25 -	PRI
PRI **- M**	1 -	Price details

Function   :   To specify price information.

Segment number   :   47

Price of 4.20 is a retail price from the catalogue which does not include allowances, charges or taxes.

Note 1 : The price stated is the net price including all allowances and charges and excluding taxes. Allowances and charges may be stated for information purposes only.

Note 2 : The price stated is the gross price excluding all allowances, charges and taxes. Allowances and charges must be stated for net calculation purposes.

Dependency Notes :

Data elements 5284 and 6411 are used when a product is a variable quantity product, e.g. price per 200 kilos, or when the unit of measure for purchasing, delivery, and invoicing are different for a product, e.g. sugar is not a variable quantity product but ordered and delivered in packs, and invoiced in kilos or tonnes.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG29 - C	10 -	RFF-DTM
RFF - M	1 -	Reference

Function   :   To specify a reference.

Segment number   :   48

		EDIFACT	EAN	*	Description
C506	**REFERENCE**	M	M		
1153	Reference qualifier	M an..3	M		AAK = Despatch advice number
					ALO = Receiving advice number
					CR = Customer reference number
					CT = Contract number
					DQ = Delivery note number
					IP = Import licence number
					ON = Order number (buyer)
					PL = Price list number
					RF = Export reference number
					SZ = Specification number
					VN = Order number (supplier)
1154	Reference number	C an..35	R		
1156	Line number	C an..6	O		
4000	Reference version number	C an..35	N		

Segment Notes.

This segment is used to provide references specific to the line item, and overrides any global references provided in the heading section of the invoice.

Example :

RFF+AAK:8306'

SG25 - C 9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG29 - C 10 -	RFF-DTM
DTM - C 5 -	Date/time/period

Function   :   To specify date, and/or time, or period.

Segment number   :   49

	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	171 = Reference date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD

Segment Notes.

This segment is used to specify dates and times pertinent to the previous RFF segment.

Example :

DTM+171:19970802:102'

THE INVOICE

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG30 - C	10 -	PAC-MEA-SG31
PAC - M	1 -	Package

Function   :   To describe the number and type of packages/physical units.

Segment number :   50

		EDIFACT	EAN	*	Description
7224	**Number of packages**	C n..8	O		
C531	**PACKAGING DETAILS**	C	O		
7075	Packaging level, coded	C an..3	O		
7233	Packaging related information, coded	C an..3	O		
7073	Packaging terms and conditions, coded	C an..3	O		1 = Packaging cost paid by supplier 2 = Packaging cost paid by recipient 3 = Packaging cost not charged (returnable)
C202	**PACKAGE TYPE**	C	O		
7065	Type of packages identification	C an..17	A		AE = Aerosol CR = Crate CX = Can, cylindrical
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
7064	Type of packages	C an..35	O		
C402	**PACKAGE TYPE IDENTIFICATION**	C	N		
7077	Item description type, coded	M an..3			
7064	Type of packages	M an..35			
7143	Item number type, coded	C an..3			
7064	Type of packages	C an..35			
7143	Item number type, coded	C an..3			
C532	**RETURNABLE PACKAGE DETAILS**	C	D		
8395	Returnable package freight payment responsibility, coded	C an..3	O		1 = Paid by customer 3 = Paid by supplier
8393	Returnable package load contents, coded	C an..3	N		

Segment Notes.

This segment is used to specify the number and type of packages for the current line item.

DE 7224: This data element can be used to specify the number of despatch units used to ship the ordered number of consumer units, in those cases where despatch unit coding has not yet been implemented.

Example :

PAC+++CR++3'

SG30 - C 10 - PAC-MEA-SG31	
PAC - M 1 - Package	

Function   :   To describe the number and type of packages/physical units.

Segment number   :   50

Dependency Notes :

Composite C532 is only used where the packaging being described is returnable. This composite identifies who is responsible for payment of its return.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG30 - C	10 -	PAC-MEA-SG31
MEA - C	10 -	Measurements

Function   :   To specify physical measurements, including dimension tolerances, weights and counts.

Segment number :   51

		EDIFACT	EAN	*	Description
6311	**Measurement application qualifier**	M an..3	M		PD = Physical dimensions (product ordered) SO = Storage limitation TL = Transportation equipment limitations
C502	**MEASUREMENT DETAILS**	C	A		
6313	Measurement dimension, coded	C an..3	A		AAA = Unit net weight AAF = Net net weight HT = Height dimension LN = Length dimension WD = Width dimension
6321	Measurement significance, coded	C an..3	O		3 = Approximately 4 = Equal to
6155	Measurement attribute, coded	C an..3	N		
6154	Measurement attribute	C an..70	N		
C174	**VALUE/RANGE**	C	R		
6411	Measure unit qualifier	M an..3	M		CEL = Degree Celsius KGM = Kilogram
6314	Measurement value	C n..18	O		
6162	Range minimum	C n..18	O		
6152	Range maximum	C n..18	O		
6432	Significant digits	C n..2	O		
7383	**Surface/layer indicator, coded**	C an..3	N		

Segment Notes.

This segment is used to specify any measurements related to the packaging defined in the previous PAC segment.

Example :

MEA+PD+AAA:4+KGM:400'

The net weight of the package is 400 kilograms.

			EDIFACT	EAN	*	Description

SG25 - C   9999999 -   LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-
                             SG32-SG33-SG34-SG38-SG44

SG30 - C   10 -   PAC-MEA-SG31

SG31 - C   10 -   PCI-GIN

PCI   - M   1 -   Package identification

Function   :   To specify markings and labels on individual packages or physical units.

Segment number :   52

		EDIFACT	EAN	*	Description
4233	**Marking instructions, coded**	C an..3	R		33E = Marked with serial shipping container code (EAN Code)
C210	**MARKS & LABELS**	C	O		
7102	Shipping marks	M an..35	M		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
7102	Shipping marks	C an..35	O		
8275	**Container/package status, coded**	C an..3	N		
C827	**TYPE OF MARKING**	C	N		
7511	Type of marking, coded	M an..3			
1131	Code list qualifier	C an..3			
3055	Code list responsible agency, coded	C an..3			

Segment Notes.

This segment is used to identify markings on the packaging of the product being invoiced.

Example :

PCI+33E'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG30 - C	10 -	PAC-MEA-SG31
SG31 - C	10 -	PCI-GIN
GIN - C	10 -	Goods identity number

Function   :   To give specific identification numbers, either as single numbers or ranges.

Segment number   :   53

		EDIFACT	EAN	*	Description
7405	**Identity number qualifier**	M an..3	M	*	BJ = Serial shipping container code
C208	**IDENTITY NUMBER RANGE**	M	M		
7402	Identity number	M an..35	M		
7402	Identity number	C an..35	O		
C208	**IDENTITY NUMBER RANGE**	C	O		
7402	Identity number	M an..35	M		
7402	Identity number	C an..35	O		
C208	**IDENTITY NUMBER RANGE**	C	O		
7402	Identity number	M an..35	M		
7402	Identity number	C an..35	O		
C208	**IDENTITY NUMBER RANGE**	C	O		
7402	Identity number	M an..35	M		
7402	Identity number	C an..35	O		
C208	**IDENTITY NUMBER RANGE**	C	O		
7402	Identity number	M an..35	M		
7402	Identity number	C an..35	O		

Segment Notes.

This segment is used to provide the serial shipping container code (SSCC) marked on the packaging of the products being invoiced.

Example:

GIN+BJ+354123450000000014'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG32 - C	9999 -	LOC-QTY-DTM
LOC - M	1 -	Place/location identification

Function   :   To identify a country/place/location/related location one/related location two.

Segment number   :   54

		EDIFACT	EAN	*	Description
3227	**Place/location qualifier**	M an..3	M		7 = Place of delivery
C517	**LOCATION IDENTIFICATION**	C	A		
3225	Place/location identification	C an..25	A		EAN Location Number - Format n13
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		9 = EAN (International Article Numbering association)
3224	Place/location	C an..70	O		
C519	**RELATED LOCATION ONE IDENTIFICATION**	C	O		
3223	Related place/location one identification	C an..25	O		
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	O		
3222	Related place/location one	C an..70	O		
C553	**RELATED LOCATION TWO IDENTIFICATION**	C	N		
3233	Related place/location two identification	C an..25			
1131	Code list qualifier	C an..3			
3055	Code list responsible agency, coded	C an..3			
3232	Related place/location two	C an..70			
5479	**Relation, coded**	C an..3	N		

Segment Notes.

This segment is used to identify multiple delivery locations for the current line item.

Example :

LOC+7+4012345500004::9'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG32 - C	9999 -	LOC-QTY-DTM
QTY - C	100 -	Quantity

Function   :   To specify a pertinent quantity.

Segment number   :   55

		EDIFACT	EAN	*	Description
C186	**QUANTITY DETAILS**	M	M		
6063	Quantity qualifier	M an..3	M		47 = Invoiced quantity 131 = Delivery quantity 192 = Free goods quantity
6060	Quantity	M n..15	M		
6411	Measure unit qualifier	C an..3	D		KGM = Kilogram

Segment Notes.

This segment is used to specify the quantities related to the location identified in the preceding LOC segment.

The total of all QTY segments in SG32 should equal the value in the QTY at line level.

Example :

QTY+131:12'

Dependency Notes :

DE 6411: This DE is only used if the product being invoiced is of variable quantity.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG32 - C	9999 -	LOC-QTY-DTM
DTM - C	5 -	Date/time/period

Function   :   To specify date, and/or time, or period.

Segment number   :   56

	EDIFACT	EAN	*	Description
C507 **DATE/TIME/PERIOD**	M	M		
2005 Date/time/period qualifier	M an..3	M	*	35 = Delivery date/time, actual
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD

Segment Notes.

This segment is used to specify the date/time on which the delivery took (will take) place to the location identified in LOC (SG32).

Example :

DTM+35:19970602:102'

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		EDIFACT	EAN	*	Description
SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44			
SG33 - C	99 -	TAX-MOA			
TAX - M	1 -	Duty/tax/fee details			

Function   :   To specify relevant duty/tax/fee information.

Segment number   :   57

		EDIFACT	EAN	*	Description
5283	**Duty/tax/fee function qualifier**	M an..3	M		5 = Customs duty 7 = Tax
C241	**DUTY/TAX/FEE TYPE**	C	D		
5153	Duty/tax/fee type, coded	C an..3	O		GST = Goods and services tax VAT = Value added tax
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5152	Duty/tax/fee type	C an..35	O		
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	C	O		
5289	Duty/tax/fee account identification	M an..6	M		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5286	**Duty/tax/fee assessment basis**	C an..15	O		
C243	**DUTY/TAX/FEE DETAIL**	C	A		
5279	Duty/tax/fee rate identification	C an..7	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5278	Duty/tax/fee rate	C an..17	R		The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	O		2 = Weight 3 = Quantity
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5305	**Duty/tax/fee category, coded**	C an..3	D		A = Mixed tax rate E = Exempt from tax S = Standard rate
3446	**Party tax identification number**	C an..20	O		

Segment Notes.

This segment is used to specify tax details for the line item being invoiced.

Example :

TAX+7+VAT+++:::21+S'

Dependency Notes :

SG33 - C	99 -	TAX-MOA
TAX - M	1 -	Duty/tax/fee details
Function : To specify relevant duty/tax/fee information. Segment number : 57		

DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG33 - C	99 -	TAX-MOA
MOA - C	1 -	Monetary amount

Function　　　　　:　　　To specify a monetary amount.

Segment number　:　58

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		124 = Tax amount 125 = Taxable amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify in monetary terms the amount of tax due on the current line item.

Example :

MOA+124:21.80'

21% (expressed in TAX segment) of 580 (expressed in MOA (SG26) segment) = 21.80.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44	
SG34 - C	20 -	NAD-SG35	
NAD - M	1 -	Name and address	

Function   :   To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.

Segment number   :   59

		EDIFACT	EAN	*	Description
3035	**Party qualifier**	M an..3	M		BY = Buyer DP = Delivery party II = Issuer of invoice IV = Invoicee PE = Payee RB = Receiving financial institution SR = Supplier's agent/representative SU = Supplier
C082	**PARTY IDENTIFICATION DETAILS**	C	A		
3039	Party id. identification	M an..35	M		EAN Location Number - Format n13
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering association)
C058	**NAME AND ADDRESS**	C	N		
3124	Name and address line	M an..35			
3124	Name and address line	C an..35			
3124	Name and address line	C an..35			
3124	Name and address line	C an..35			
3124	Name and address line	C an..35			
C080	**PARTY NAME**	C	D		
3036	Party name	M an..35	M		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3045	Party name format, coded	C an..3	O		
C059	**STREET**	C	D		
3042	Street and number/p.o. box	M an..35	M		
3042	Street and number/p.o. box	C an..35	O		
3042	Street and number/p.o. box	C an..35	O		
3042	Street and number/p.o. box	C an..35	O		
3164	**City name**	C an..35	D		

		SG34 - C	20 -	NAD-SG35

NAD - M		1 -	Name and address

Function	:	To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.

Segment number : 59

		EDIFACT	EAN	*	Description
3229	**Country sub-entity identification**	C an..9	D		
3251	**Postcode identification**	C an..9	D		
3207	**Country, coded**	C an..3	D		ISO 3166 two alpha code

Segment Notes.

This segment is used to identify parties which are valid only for the current line item. Parties identified here override those specified in the NAD segment at heading level when the same qualifier is used.

Example :

NAD+DP+5412345000013::9'

Dependency Notes :

The following composites and data elements are only used when a coded name and address can not be used. The affected composites and data elements are as follows:

  C080 - C059 - 3164 - 3229 - 3251 - 3207

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG34 - C	20 -	NAD-SG35
SG35 - C	5 -	RFF

RFF **-** M	1 -	Reference

Function   :   To specify a reference.

Segment number : 60

	EDIFACT	EAN	*	Description
C506 **REFERENCE**	M	M		
1153 Reference qualifier	M an..3	M	*	API = Additional party identification (EAN Code) GN = Government reference number VA = VAT registration number XA = Company/place registration number
1154 Reference number	C an..35	R		
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	N		

<u>Segment Notes.</u>

This segment is used to specify references related to the party identified in the NAD at line level.

Example:

RFF+VA:VR85231142'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG38 - C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43
ALC - M	1 -	Allowance or charge

Function   :   To identify allowance or charge details.

Segment number   :   61

		EDIFACT	EAN	*	Description
5463	**Allowance or charge qualifier**	M an..3	M		A = Allowance C = Charge
C552	**ALLOWANCE/CHARGE INFORMATION**	C	O		
1230	Allowance or charge number	C an..35	O		
5189	Charge/allowance description, coded	C an..3	O		64E = Yearly turnover allowance/charge (EAN Code)
4471	**Settlement, coded**	C an..3	O		2 = Off invoice 5 = Charge to be paid by vendor 6 = Charge to be paid by customer
1227	**Calculation sequence indicator, coded**	C an..3	D		1 = First step of calculation 2 = Second step of calculation etc, etc, etc, 9 = Ninth step of calculation
C214	**SPECIAL SERVICES IDENTIFICATION**	C	D		
7161	Special services, coded	C an..3	R		ADS = Full pallet ordering ADT = Pick-up AJ = Adjustments CAC = Cash discount COD = Cash on delivery (EAN Code) FC = Freight charge QD = Quantity discount
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	D		9 = EAN (International Article Numbering association)
7160	Special service	C an..35	O		
7160	Special service	C an..35	O		

Segment Notes.

This segment is used to specify any allowances or charges which apply only to the line item being invoiced.

DE 1227: The calculation sequence indicator is used when multiple allowances and/or charges are applicable. If various allowances and/or charges percentages, quantities, monetary amounts, or, rates are applicable to the same base price, then the calculation sequence indicator will always equal one. If the various allowances and/or charges are applied against a fluctuating price (constantly changing because of the application of other allowances and/or charges) then the sequence of calculation is indicated using this data element.

Example :

SG38 - C 15 - ALC-ALI-SG39-SG40-SG41-SG42-SG43	
ALC **-** M 1 - Allowance or charge	

Function   :   To identify allowance or charge details.

Segment number   :   61

ALC+A+++1'

Dependency Notes :

DE 1227: If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.

DE C214: This composite is only included if the buyer knows the type of allowance or charge and is agreed between trading partners in their interchange agreement.

CD 3055: Code value 9 is used when EAN codes are used in DE 7161.

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SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44	
SG38 - C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43	
ALI - C	5 -	Additional information	

Function   :   To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Segment number   :   62

		EDIFACT	EAN	*	Description
3239	**Country of origin, coded**	C an..3	O		Use ISO 3165 code
9213	**Type of duty regime, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		6 = Subject to bonus 15 = Not subject to discount 65E = Subject to postponed discount (EAN Code)
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		

Segment Notes.

This segment is used to indicate any special conditions applicable to the allowances or charges detailed at line level.

Example :

ALI+++6'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG38 - C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43
SG39 - C	1 -	QTY

QTY - M	1 -	Quantity

Function   :   To specify a pertinent quantity.

Segment number   :   63

	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity qualifier	M an..3	M		1 = Discrete quantity
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	D		KGM = Kilogram

Segment Notes.

This segment within the ALC segment group (SG38) is used to specify quantity upon which discounts are applicable for the line item being invoiced.

Example :

QTY+1:12'

Dependency Notes :

DE 6411: This DE is only used if the product being invoiced is of variable quantity.

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG38 - C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43
SG40 - C	1 -	PCD

PCD - M	1 -	Percentage details

Function   :   To specify percentage information.

Segment number   :   64

	EDIFACT	EAN	*	Description
C501 **PERCENTAGE DETAILS**	M	M		
5245 Percentage qualifier	M an..3	M		1 = Allowance 2 = Charge
5482 Percentage	C n..10	R		
5249 Percentage basis, coded	C an..3	O		
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		

Segment Notes.

This segment is used to specify percentage discounts for the line item being invoiced.

Example :

PCD+1:0.75'

SG25	- C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG38	- C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43
SG41	- C	2 -	MOA
MOA	- M	1 -	Monetary amount

Function   :   To specify a monetary amount.

Segment number   :   65

	EDIFACT	EAN	*	Description
C516 MONETARY AMOUNT	M	M		
5025 Monetary amount type qualifier	M an..3	M		23 = Charge amount 25 = Charge/allowance basis 204 = Allowance amount
5004 Monetary amount	C n..18	R		
6345 Currency, coded	C an..3	N		
6343 Currency qualifier	C an..3	N		
4405 Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify monetary discounts for the line item being invoiced.

Example :

MOA+204:12.20'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG38 - C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43
SG42 - C	1 -	RTE

RTE - M	1 -	Rate details

Function   :   To specify rate information.

Segment number : 66

		EDIFACT	EAN	*	Description
C128	**RATE DETAILS**	M	M		
5419	Rate type qualifier	M an..3	M		1 = Allowance rate 2 = Charge rate
5420	Rate per unit	M n..15	M		
5284	Unit price basis	C n..9	O		
6411	Measure unit qualifier	C an..3	O		

Segment Notes.

This segment is used to specify allowance or charge rates for the line item being invoiced.

Example :

RTE+1:1.25'

		EDIFACT	EAN	*	Description
SG25 - C	9999999 -				LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG38 - C	15 -				ALC-ALI-SG39-SG40-SG41-SG42-SG43
SG43 - C	5 -				TAX-MOA
TAX - M	1 -				Duty/tax/fee details

Function : To specify relevant duty/tax/fee information.
Segment number : 67

		EDIFACT	EAN	*	Description
5283	**Duty/tax/fee function qualifier**	M an..3	M		5 = Customs duty 7 = Tax
C241	**DUTY/TAX/FEE TYPE**	C	D		
5153	Duty/tax/fee type, coded	C an..3	O		GST = Goods and services tax VAT = Value added tax
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5152	Duty/tax/fee type	C an..35	O		
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	C	O		
5289	Duty/tax/fee account identification	M an..6	M		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5286	**Duty/tax/fee assessment basis**	C an..15	O		
C243	**DUTY/TAX/FEE DETAIL**	C	A		
5279	Duty/tax/fee rate identification	C an..7	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5278	Duty/tax/fee rate	C an..17	R		The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5305	**Duty/tax/fee category, coded**	C an..3	D		A = Mixed tax rate E = Exempt from tax S = Standard rate
3446	**Party tax identification number**	C an..20	O		

Segment Notes.

This segment is used to identify any taxes or duties which apply to the allowances or charges at LIN level.

Example :

TAX+7+VAT+++:::21+S'

SG43 - C	5 - TAX-MOA
TAX - M	1 - Duty/tax/fee details
Function : To specify relevant duty/tax/fee information. Segment number : 67	
Dependency Notes : DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.	

SG43 - C	5 - TAX-MOA
TAX - M	1 - Duty/tax/fee details

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44	
SG38 - C	15 -	ALC-ALI-SG39-SG40-SG41-SG42-SG43	
SG43 - C	5 -	TAX-MOA	
MOA - C	1 -	Monetary amount	

Function   :   To specify a monetary amount.

Segment number   :   68

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		124 = Tax amount
					125 = Taxable amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	N		
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify in monetary terms the amount of tax due for the allowances and charges for the current line item.

Example :

MOA+124:21.80'

SG25 - C	9999999 -	LIN-PIA-IMD-MEA-QTY-ALI-DTM-QVR-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44
SG44 - C	10 -	TDT
TDT - M	1 -	Details of transport

Function : To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Segment number : 69

		EDIFACT	EAN	*	Description
8051	**Transport stage qualifier**	M an..3	M		20 = Main-carriage transport
8028	**Conveyance reference number**	C an..17	O		Reference number covering the transport
C220	**MODE OF TRANSPORT**	C	R		
8067	Mode of transport, coded	C an..3	R		10 = Maritime transport 20 = Rail transport 30 = Road transport 40 = Air transport
8066	Mode of transport	C an..17	N		
C228	**TRANSPORT MEANS**	C	O		
8179	Type of means of transport identification	C an..8	D		23 = Rail bulk car 25 = Rail express 31 = Truck
8178	Type of means of transport	C an..17	D		
C040	**CARRIER**	C	O		
3127	Carrier identification	C an..17	A		EAN Location Number - Format n13
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		9 = EAN (International Article Numbering association)
3128	Carrier name	C an..35	O		
8101	**Transit direction, coded**	C an..3	O		BS = Buyer to supplier SB = Supplier to buyer
C401	**EXCESS TRANSPORTATION INFORMATION**	C	N		
8457	Excess transportation reason, coded	M an..3			
8459	Excess transportation responsibility, coded	M an..3			
7130	Customer authorization number	C an..17			
C222	**TRANSPORT IDENTIFICATION**	C	O		
8213	Id. of means of transport identification	C an..9	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
8212	Id. of the means of transport	C an..35	R		Vehicle license plate/Aircraft Number

SG44 - C	10 -	TDT			
TDT - M	1 -	Details of transport			

Function   :   To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Segment number   :   69

		EDIFACT	EAN	*	Description
8453	Nationality of means of transport, coded	C an..3	O		ISO 3166 two alpha code
8281	**Transport ownership, coded**	C an..3	N		

Segment Notes.

This segment is used to specify the transport means used for the product being invoiced. This segment is only used if the transport means differ from those specified in the message header.

Example :

TDT+20++30+31'

Dependency Notes :

Data Elements 8179 and 8178 are only used when the type of transport must be specifically identified, that is, a generic description such as road transport is unsuitable.

UNS - M 1 - SECTION CONTROL			
Function : To separate header, detail, and summary sections of a message.			
Segment number : 70			

	EDIFACT	EAN	*	Description
0081 Section identification	M a1	M		S = Detail/summary section separation

Segment Notes.

This segment is used to identify the break between the message detail and message trailer sections.

Example :

UNS+S'

CNT - C 10 -		Control total			
Function : To provide control total.					
Segment number : 71					
	EDIFACT	EAN	*	Description	
C270 CONTROL	M	M			
6069 Control qualifier	M an..3	M	*	1 = Total value of the quantity segments at line level in a message 2 = Number of line items in message 7 = Total gross weight 11 = Total number of packages 15 = Total consignment, cube 26 = Total gross measurement/cube	
6066 Control value	M n..18	M			
6411 Measure unit qualifier	C an..3	O			

Segment Notes.

This is used to provide message control information for checking on the message receiver's in-house system.

Example :

CNT+2:120'

THE INVOICE

SG48 - M		100 -	MOA-SG49			

MOA - M		1 -	Monetary amount			

Function   :   To specify a monetary amount.

Segment number   :   72

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M		9 = Amount due/amount payable 53 = Discount amount due 79 = Total line items amount 86 = Message total monetary amount 113 = Prepaid amount 125 = Taxable amount 129 = Total amount subject to payment discount 131 = Total charges/allowances 176 = Message total duty/tax/fee amount 11E = Total retail value (EAN Code) 26E = Total price subsidy value (EAN Code)
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	O		
6343	Currency qualifier	C an..3	O		13 = Recipient local currency 15 = Sender local currency
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to detail prepaid amounts, or total monetary values due for the entire invoice.

Example :

MOA+86:45612.20'

SG48 - M	100 -	MOA-SG49
SG49 - C	1 -	RFF-DTM

RFF - M	1 -	Reference

Function   :   To specify a reference.

Segment number   : 73

	EDIFACT	EAN	*	Description
C506 **REFERENCE**	M	M		
1153 Reference qualifier	M an..3	M		PQ = Payment reference
1154 Reference number	C an..35	R		
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	N		

Segment Notes.

This segment is used to specify any references related to the message totals information.

Example :

RFF+PQ:4452'

SG48 - M	100 -	MOA-SG49
SG49 - C	1 -	RFF-DTM
DTM - C	5 -	Date/time/period

Function : To specify date, and/or time, or period.

Segment number : 74

		EDIFACT	EAN	*	Description
C507	**DATE/TIME/PERIOD**	M	M		
2005	Date/time/period qualifier	M an..3	M	*	171 = Reference date/time
2380	Date/time/period	C an..35	R		
2379	Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD

Segment Notes.

This segment is used to provide any dates related to the references specified in the previous RFF segment.

Example :

DTM+171:19970802:102'

SG50 - C	10 -	TAX-MOA			
TAX - M	1 -	Duty/tax/fee details			
Function	:	To specify relevant duty/tax/fee information.			
Segment number	: 75				

		EDIFACT	EAN	*	Description
5283	**Duty/tax/fee function qualifier**	M an..3	M		5 = Customs duty 7 = Tax
C241	**DUTY/TAX/FEE TYPE**	C	D		
5153	Duty/tax/fee type, coded	C an..3	O		GST = Goods and services tax VAT = Value added tax
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5152	Duty/tax/fee type	C an..35	O		
C533	**DUTY/TAX/FEE ACCOUNT DETAIL**	C	O		
5289	Duty/tax/fee account identification	M an..6	M		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5286	**Duty/tax/fee assessment basis**	C an..15	O		
C243	**DUTY/TAX/FEE DETAIL**	C	A		
5279	Duty/tax/fee rate identification	C an..7	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5278	Duty/tax/fee rate	C an..17	R		The actual rate of tax/duty.
5273	Duty/tax/fee rate basis identification	C an..12	O		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
5305	**Duty/tax/fee category, coded**	C an..3	D		A = Mixed tax rate E = Exempt from tax S = Standard rate
3446	**Party tax identification number**	C an..20	O		

Segment Notes.

This segment is used to specify the total taxes or duties due on the complete invoice.

Example :

TAX+7+VAT+++:::21+S'
TAX+7+VAT+++:::12.5+S'
TAX+7+VAT+++:::15+S'

Three repeats of the segment indicates that there are three standard rates of VAT included in the invoice.

SG50 - C	10 - TAX-MOA
TAX - M	1 - Duty/tax/fee details

Function   :   To specify relevant duty/tax/fee information.
Segment number   :   75

Dependency Notes :
DE C241 and 5305: Tax types and categories will differ from country to country. They are to be defined by national guidelines.

SG50 - C	10 - TAX-MOA

SG50 - C	10 -	TAX-MOA			
MOA - C	2 -	Monetary amount			

| Function | : | To specify a monetary amount. |
| Segment number | : 76 | |

		EDIFACT	EAN	*	Description
C516	**MONETARY AMOUNT**	M	M		
5025	Monetary amount type qualifier	M an..3	M	*	77 = Invoice amount 79 = Total line items amount 124 = Tax amount 125 = Taxable amount 176 = Message total duty/tax/fee amount
5004	Monetary amount	C n..18	R		
6345	Currency, coded	C an..3	N		
6343	Currency qualifier	C an..3	O	*	10E = Currency for value added tax purposes (EAN Code)
4405	Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.

Example :

MOA+176:15243.32'

SG51 - C	15 - ALC-ALI-MOA
ALC - M	1 - Allowance or charge

Function   :   To identify allowance or charge details.

Segment number   :   77

		EDIFACT	EAN	*	Description
5463	**Allowance or charge qualifier**	M an..3	M		A = Allowance C = Charge
C552	**ALLOWANCE/CHARGE INFORMATION**	C	O		
1230	Allowance or charge number	C an..35	O		
5189	Charge/allowance description, coded	C an..3	O		
4471	**Settlement, coded**	C an..3	O		
1227	**Calculation sequence indicator, coded**	C an..3	N		
C214	**SPECIAL SERVICES IDENTIFICATION**	C	D		
7161	Special services, coded	C an..3	M		
1131	Code list qualifier	C an..3	O		
3055	Code list responsible agency, coded	C an..3	O		
7160	Special service	C an..35	O		
7160	Special service	C an..35	O		

Segment Notes.

This segment is used to specify per allowance or charge type totals for each allowances and charges. Allowances and charges detailed both at the header level an on individual product lines are summarized here.

Example :

ALC+A+21108'

Dependency Notes :

DE C214: This composite is only included if the buyer knows the type of allowance or charge.

SG51 - C	15 -	ALC-ALI-MOA

ALI - C	1 -	Additional information

Function	:	To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.
Segment number	:	78

		EDIFACT	EAN	*	Description
3239	**Country of origin, coded**	C an..3	O		Use ISO 3166 Code
9213	**Type of duty regime, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		6 = Subject to bonus
					15 = Not subject to discount
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		
4183	**Special conditions, coded**	C an..3	O		

Segment Notes.

This segment is used to indicate any special conditions applicable to the allowances or charges at summary level.

Example :

ALI+++6'

THE INVOICE

SG51 - C	15 -	ALC-ALI-MOA

MOA - C	2 -	Monetary amount

Function   :   To specify a monetary amount.

Segment number : 79

	EDIFACT	EAN	*	Description
C516 MONETARY AMOUNT	M	M		
5025 Monetary amount type qualifier	M an..3	M	*	8 = Allowance or charge amount 25 = Charge/allowance basis 131 = Total charges/allowances
5004 Monetary amount	C n..18	R		
6345 Currency, coded	C an..3	N		
6343 Currency qualifier	C an..3	N		
4405 Status, coded	C an..3	N		

Segment Notes.

This segment is used to specify the total monetary value per allowance or charge type.

Example :

MOA+131:6583.49'

UNT - M	1 -	MESSAGE TRAILER

Function   :   To end and check the completeness of a message.

Segment number   :   80

	EDIFACT	EAN	*	Description
0074 **Number of segments in a message**	M n..6	M		The total number of segments in the message is detailed here.
0062 **Message reference number**	M an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment.

Segment Notes.

This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example :

UNT+84+1'

* * *

Example of an Invoice message:

The following is an example of an Invoice message sent from the supplier identified by the EAN location number 4012345500004 with a VAT registration number VR12345 to a buyer identified by the EAN location number 5412345000013 with a VAT registration number 4146023.

The Commercial Invoice with reference IN432097 is sent the 8 March 1997. It is invoicing goods ordered the 12 February 1997 according to the purchase order with reference ORD9523 and the price list PL99523 of 1 January 1997. The ordered goods were shipped by the supplier on 15 February 1997 to the delivery point identified by the location number 5412345678908. The reference number for the delivery was 53662.

The invoicing currency is Belgian francs. The basic payment terms are two months net with a 2.5% discount if payment is received within 10 days of the invoice date. Payment is to be made directly to the supplier's bank account.

Additionally, for the whole invoice there is a freight charge of 120 BEF plus a standard 19% VAT rate.

The invoice consists of two line items:

The first item is identified by the EAN article number 4000862141404. 40 units at a **gross unit price** (catalogue price) of 60 BEF are being invoiced. There is a 10% discount on the gross unit price and a standard VAT rate of 21% is applicable. The net line item amount is 2160 BEF. Allowances or charges **must** be specified for calculation.

The second item is identified by the EAN article number 5412345111115. 5 units were delivered at a **net unit price** per kilogram of 200 BEF. The quantity being invoiced is the total weight of the 5 units, 12.65 KGs, for a net line item amount of 2530 BEF. A standard VAT rate of 19% is applicable. Allowances or charges may be specified here for information not calculation purposes.

The Invoice provides message amount totals and tax subtotals for the two line items, as follows,

Net line amounts = 2160+2530   = 4690   (Qualifier 79 MOA (Vat Exclusive))
Additional amounts   = 120   (Qualifier 131 MOA after ALC)
Amount Subject to tax   = 4810   (Qualifier 125 MOA)

VAT 19%   =   2530 x 0.19   = 480.70
                              120 x 0.19   = 22.80
                                                 503.50 (Qualifier 124 MOA after TAX)
VAT 21%   =   2160 x 0.21   = 453.60 (Qualifier 124 MOA after TAX)
Total tax
amount   = 957.10 (Qualifier 176 MOA)

Message monetary amount   = 4810 + 957.10   = 5767.10 (Qualifier 86 MOA)
Amount subject to payment discount   = 5767.10 (Qualifier 129 MOA)

Invoice message:

THE INVOICE

UNH+ME000001+INVOIC:D:96A:UN:EAN008'	Message header
BGM+380+IN432097'	Commercial invoice number IN432097
DTM+137:19970308:102'	Message date 8th March 1997
PAI+::42'	Instructions to pay in bank account
RFF+ON:ORD9523'	Purchase order invoiced number ORD9523
DTM+171:19970212:102'	Reference date 12th February 1997
RFF+PL:PL99523'	Price list reference number PL99523
DTM+171:19970101:102'	Reference date 1st January 1997
RFF+DQ:53662'	Reference delivery note number 53662
DTM+171:19970215:102'	Reference date 15th February 1997
NAD+BY+5412345000013::9'	Buyer identified by EAN location number 5412345000013
RFF+VA:4146023'	VAT reference number of the buyer 4146023
NAD+SU+4012345500004::9'	Supplier identified by EAN location number 4012345500004
RFF+VA:VR12345'	VAT reference number of the supplier VR12345
NAD+DP+5412345678908::9'	Delivery party identified by EAN location number 5412345678908
CUX+2:BEF:4'	Reference currency is Belgian francs
PAT+1++5:3:M:2'	Payment terms 2 months after date of invoice
PAT+22++5:3:D:10'	Payment discount for payment 10 days after date of invoice
PCD+12:2.5:13'	Percentage information for the allowances or charges 2.5 %
ALC+C++6++FC'	Charges to be paid by customer
MOA+23:120'	Monetary amount for the charge 120 BEF to be added
TAX+7+VAT+++:::19+S'	Type of tax is value added tax at 19 %
MOA+124:22.80'	Tax monetary amount 22.80 BEF
LIN+1++4000862141404:EN'	Line item 1 identified by EAN number 4000862141404
QTY+47:40'	Invoiced quantity 40
MOA+203:2160'	Line item amount 2.160 BEF
PRI+AAB:60:CA'	Gross calculation price of 60 which does not include any allowance or charges, from the catalogue.
TAX+7+VAT+++:::21+S'	Type of tax for the line item is value added tax 21%
MOA+124:453.60'	Tax monetary amount 453.60 BEF
ALC+A'	Allowances
PCD+1:10'	Percentage information for the allowances 10 %
LIN+2++5412345111115:EN'	Line item 2 identified by EAN number 5412345111115
QTY+46:5'	Delivered quantity 5
QTY+47:12.65:KGM'	Invoiced quantity 12.65 Kg.
MOA+203:2530'	Line item amount 2.530 BEF
PRI+AAA:200:CA::1:KGM'	Net price of 200 per Kg from the catalogue, this price includes allowances and charges
TAX+7+VAT+++:::19+S'	Type of tax for the line item is value added tax 19 %
MOA+124:480.70'	Tax monetary amount 480.70 BEF
UNS+S'	To separate the detail section from the summary section
CNT+2:2'	Total number of line items 2
MOA+86:5767.10'	Message total monetary amount 5.767,10 BEF
MOA+79:4690'	Message total line items amount 4.690 BEF
MOA+129:5767.10'	Total amount subject to payment discount 5.767.10 BEF
MOA+125:4810'	Message total taxable amount 4.810 BEF
MOA+176:957.10'	Message total amount 957,10 BEF
MOA+131:120'	Total charges/allowances 120 BEF
TAX+7+VAT+++:::19+S'	Type of tax for the total message is value added tax 19 %
MOA+124:503.50'	Tax monetary amount 503.50 BEF
TAX+7+VAT+++:::21+S'	Type of tax for the total message is value added tax 21%
MOA+124:453.60'	Tax monetary amount 453.60 BEF
ALC+C++++FC'	Freight charge
MOA+131:120'	Total charges 120 BEF
UNT+53+ME000001'	Total number of segments in the message equals 53

<u>Note:</u> The EDI interchange will include the UNB..UNZ segments and, if applicable, the UNG..UNE segments. (see Part I, section 2.7)

* * *