



Bunzl Continental Europe  
Invoice message description

MESSAGE TYPE	: INVOIC
REFERENCE DIRECTORY	: D.01B
EANCOM® SUBSET VERSION	: 011



Introduction:

## 1. Definition

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

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

## 2. 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...

Points for attention

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

## 3. POINTS FOR ATTENTION

### 3.1. DELIVERY DATE

Delivery date is **mandatory** for all invoices.

### 3.2. DELIVERY RELATED

The invoice message may only contain items of one delivery. Multiple delivery in one despatch advice are not allowed in the regular process.

### 3.3. VAT NUMBER

Always use the VAT number of the supplier and the invoice recipient. If the buyer has not the same GLN as the invoice recipient, please add the VAT number for the buyer as well.

### 3.4. SOURCING LOCATION

Only use the Sourcing location (NAD+SF) if Bunzl sends it in the ORDERS message. This information cannot be sent and processed if it is not in ORDERS!

### 3.5. RETURNABLE TRANSPORT ITEMS (RTI)

RTI will be invoices with a GTIN and a charge. The charge code must be communicated with the Bunzl company and the BCE EDI Team.



### 3.6. PRICES

Use a net price in case there are no line discounts and/or charges for the line item. If there are discounts and/or charges for the line item, the gross price must be used.

### 3.7 NET LINE AMOUNT

Calculation for the net line amount is:

(quantity \* gross price) -/- discounts + charges

*or*

quantity \* net price

Net line amount is always without VAT.

### 3.8 CONSOLIDATED INVOICES

In some countries it is necessary to agree for consolidated invoices. Only on request of the Bunzl company and the Bunzl EDI team, can this process be facilitated.

### 3.9 TRANSPORT PACKAGING

We make a distinction between transport packaging for specific articles and transport packaging that is not for specific articles:

1. Transport packaging for specific articles is packaging that is related to the article to an extent that it is not worthwhile to account for and invoice the packaging as a separate article. You should invoice this (also in case of a deposit) as a line surcharge in your EDI invoice.
2. Transport packaging that is not for specific articles is referred to as a load carrier. You should invoice this as a separate line in your EDI invoice using the correct GTIN's for the carrier.



**Version management**

Version	Date	Author	Description
1.0	April 2016	Arjan Vonk	Initial version
1.1	August 2016	Arjan Vonk	Changes in ALC segments
1.2	August 2016	Arjan Vonk	Added comments in ALC segment
1.3	September 2016	Arjan Vonk	Added PRI segment Deleted KGM from QTY segment
1.4	October 2016	Arjan Vonk	Minor text changes
1.5	December 2016	Arjan Vonk	Additional information for conditions when to the RFF segments
1.6	December 2016	Arjan Vonk	New lay out
1.7	May 2017	Arjan Vonk	Small changes in MOA footer Added TAX on line level
1.8	June 2017	Arjan Vonk	Added text to ALC and MOA segments
1.9	November 2017	Arjan Vonk	Added PCD on header and line. Added Charge/Allowance basis on line level
1.10	July 2018	Arjan	Changed allowed Allowances and charges code on line level. Added 8 in 5025 on line level.
1,11	January 2019	Arjan Vonk	Added VOC as a line charge.
1.12	August 2019	Arjan Vonk Marcel Vaessen	Added NAD-SF and added message structure
1.13	3 September 2019	Marcel Vaessen	Adding examples
1.14	20 September 2019	Marcel Vaessen	Adding ALC codes
1.15	5 November 2019	Marcel Vaessen	Corrected status of segments
1.16	17 December 2019	Arjan Vonk	Included logic for consolidated invoices
1.17	19 February 2020	Marcel Vaessen	Specified SG53 ALC-MOA Adding supplier's article number and buyer's item number, item description
1.18	11 May 2020	Marcel Vaessen	Delivery date now mandatory
1.19	19 June 2020	Marcel Vaessen	Explain usage NAD+SF
1.20	7 May 2021	Marcel Vaessen	Adding original order line number for France Sécurité
1.21	12 January 2022	Marcel Vaessen	Creating better view of elements – Combined element group
1.22	30 June 2022	Vera Kálóczy	Introduction



**Message structure**

	UNH	R	1	Invoice message
	BGM	R	1	Invoice number
	DTM	R	1	Message (invoice) date
	DTM	M	1	Delivery date
[	SG1	D	1	Order reference
	RFF	M	1	Order number
	DTM	O	1	Order date / time
[	SG1	D	1	Despatch reference
	RFF	M	1	Despatch number
	DTM	O	1	Despatch date / time
[	SG1	D	1	Original invoice reference
	RFF	M	1	Original invoice number
	DTM	O	1	Original invoice date / time
[	SG2	M	1	Buyer information
	NAD	M	1	GLN buyer
	SG3	O	1	VAT information buyer
	RFF	M	1	VAT ID buyer
[	SG2	M	1	Supplier information
	NAD	M	1	GLN supplier
	SG3	M	1	VAT information supplier
	RFF	M	1	VAT ID supplier
[	SG2	M	1	Delivery party information
	NAD	M	1	GLN delivery party
[	SG2	M	1	Invoicee information
	NAD	M	1	GLN invoicee
	SG3	O	1	VAT information invoicee
	RFF	M	1	VAT ID invoicee
[	SG2	O	1	Source location
	NAD	M	1	GLN source location
[	SG7	M	1	Currency
	CUX	M	1	Invoice currency
[	SG16	O	4	Allowances & charges
	ALC	M	1	Type of allowance or charge
	SG19	O	1	Percentage
	PCD	M	1	Percentage of allowance or charge
	SG20	O	1	Amount
	MOA	M	1	Allowance or charge amount
[	SG26	M	99999999	Invoice line information
	LIN	M	1	GTIN
	PIA	M	1	Buyer's item number
	PIA	M	1	Supplier's article number



	IMD	M	1	Item description
	QTY	M	1	Invoiced quantity
	QTY	O	1	Delivered quantity
	QTY	O	1	Despatch quantity
	QTY	O	1	Ordered quantity
	DTM	O	1	Despatch date
	DTM	O	1	Delivery date
	SG27	M	3	Monetary Amount
	MOA	M	1	Line item amount
	MOA	O	1	Total amount including Value Added Tax
	MOA	O	1	Charge/Allowance basis
	SG29	M	2	Price details
	PRI	D	1	Gross price
	PRI	D	1	Net price
	SG30	A	5	References
	RFF	M	1	Despatch advice number
	DTM	O	1	Despatch date
	SG30	O	5	References
	RFF	M	1	Customer reference number
	DTM	O	1	Customer reference date
	SG30	O	5	References
	RFF	M	1	Contract number
	DTM	O	1	Contract number date
	SG30	M	5	References
	RFF	M	1	Order number (buyer)
	RFF	M	1	Original order line number
	DTM	O	1	Order date
	SG30	O	5	References
	RFF	M	1	Blanket order number
	DTM	O	1	Blanket order date
	SG34	M	1	Duty/tax/fee details
	TAX	M	1	VAT rate and category code
	MOA	D	1	Tax amount
	MOA	D	1	Taxable amount
	SG39	O	4	Allowances & charges
	ALC	M	1	Type of allowance or charge
	SG41	D	1	Percentage
	PCD	M	1	Percentage of allowance or charge
	SG42	D	1	Amount
	MOA	M	1	Allowance or charge amount
	SG42	D	1	Amount
	MOA	M	1	Allowance or charge basis amount



UNS	M	1	Detail / summary section separator
CNT	M	6	Counts
SG50	M	1	Monetary amounts
MOA	M	1	Invoice amount
MOA	M	1	Total line items amount
MOA	M	1	Message total duty/fax/fee
MOA	O	1	Message total monetary amount
MOA	O	1	Taxable amount
MOA	O	1	Total amount subject to payment amount
MOA	D	1	Total charges/allowances
MOA	M	1	Message total duty/tax/fee amount
MOA	O	1	Amount due/amount payable
SG52	M	1	Duty/tax/fee details
TAX	M	1	VAT rate and category code
MOA	M	1	Tax amount
MOA	M	1	Taxable amount
MOA	O	1	Invoice amount
MOA	O	1	Total line items amount
MOA	O	1	Message total duty/tax/fee amount
SG52	O	4	Allowances & charges
ALC	M	1	Type of allowance or charge
MOA	M	1	Allowance or charge amount
MOA	O	1	Charge/allowance basis
MOA	O	1	Total charges/allowances
MOA	O	1	Rebate amount
UNT	M	1	Message trailer



# Segment Layout

Segment number  
 1

<b>UNH</b>	- M	1 - Message header
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**Function:**

A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC.

**Note:**

Invoice messages conforming to this document must contain the following data in segment UNH, composite S009:

- Data element 0065 INVOIC
- 0052 D
- 0054 01B
- 0051 UN

		EDIFACT	GS1	*	Description
0062	Message reference number	M an..14	<b>M</b>		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.
<b>S009</b>	<b>MESSAGE IDENTIFIER</b>	<b>M</b>	<b>M</b>		
0065	Message type	M an..6	<b>M</b>	*	INVOIC = Invoice message
0052	Message version number	M an..3	<b>M</b>	*	D = Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	<b>M</b>	*	01B = Release 2001 - B
0051	Controlling agency	M an..2	<b>M</b>	*	UN = UN/CEFACT
0057	Association assigned code	C an..6	<b>R</b>	*	EAN011 = GS1 version control number Indicates that the message is the EANCOM version 011 of the UNSM Invoice.
0068	Common access reference	C an..35	<b>N</b>		
<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	<b>C</b>	<b>N</b>		
0070	Sequence of transfers	M n..2			
0073	First and last transfer	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.01B directory under the control of the United Nations.

**Example:**

UNH+1+INVOIC:D:01B:UN:EAN011'





# Segment Layout

Segment number

2

**BGM** - M 1 - Beginning of message

Function:

A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

		EDIFACT	GS1	*	Description
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	C	R		
1001	Document name code	C an..3	R	*	380 = Commercial invoice 381 = Credit note - goods and services 385 = Consolidated invoice  It is of critical importance to use the appropriate document name qualifier relevant to the message.
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	N		
1000	Document name	C an..35	O		
<b>C106</b>	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	C	R		
1004	Document identifier	C an..35	R		Invoice Number assigned by document sender.
1056	Version identifier	C an..9	N		
1060	Revision identifier	C an..6	O		
1225	Message function code	C an..3	R		9 = Original
4343	Response type code	C an..3	O		AB = Message acknowledgement NA = No acknowledgement needed

Segment Notes:

This segment is used to indicate the type and function of a message and to transmit the identifying number.  
Consolidated invoice can only be used after approval by Bunzl Continental Europe and can only be used In case of TAX exempt situations.

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.



# Segment Layout

Segment number  
 3

<b>DTM</b>	- M	35 - Date/time/period
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Function:  
 A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date.

The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.

		EDIFACT	GS1	*	Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	<b>M</b>		
2005	Date or time or period function code qualifier	M an..3	<b>M</b>	*	35 = Delivery date/time, actual 137 = Document/message date/time
2380	Date or time or period value	C an..35	<b>R</b>		
2379	Date or time or period format code	C an..3	<b>R</b>		102 = 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 delivered.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message, **for Bunzl also 'the delivery date/time, actual' (code value 35) is mandatory.**

Example:  
 DTM+137:20021008:102'  
 The document date is the 8th of October 2002.



# Segment Layout

Segment number  
 4

<b>SG1</b>	- C	99999 - RFF-DTM
<b>RFF</b>	- M	1 - Reference

Function:

A segment identifying the reference by its number and where appropriate a line number within a document.

		EDIFACT	GS1	*	Description
<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>		
1153	Reference code qualifier	M an..3	<b>M</b>		AAK = Despatch advice number IV = Invoice number ON = Order number (buyer) AIZ = Consolidated invoice number.
1154	Reference identifier	C an..70	<b>R</b>		
1156	Document line identifier	C an..6	<b>N</b>		
4000	Reference version identifier	C an..35	<b>N</b>		
1060	Revision identifier	C an..6	<b>N</b>		

**Segment Notes:**

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

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.

If there is 1 order number for the complete invoice, the RFF ON is mandatory on header level.

**Example:**

RFF+AAK:252'

RFF+ON:ORD9523'



# Segment Layout

Segment number  
 5

<b>SG1</b>	- C	99999 - RFF-DTM
<b>DTM</b>	- C	5 - Date/time/period

Function:

A segment specifying the date/time related to the reference.

		EDIFACT	GS1	*	Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>		
2005	Date or time or period function code qualifier	M an..3	<b>M</b>	*	171 = Reference date/time
2380	Date or time or period value	C an..35	<b>R</b>		
2379	Date or time or period format code	C an..3	<b>R</b>		102 = CCYMMDD 203 = CCYMMDDHHMM

Segment Notes:

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

Example:

DTM+171:20020804:102'



# Segment Layout

Segment number  
 6

<b>SG2</b>	- C	99 - NAD-SG3			
<b>NAD</b>	- M	1 - Name and address			
Function: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.					
			EDIFACT	GS1	*
3035	Party function code qualifier	M an..3	<b>M</b>		BY = Buyer DP = Delivery party IV = Invoicee SU = Supplier SF = Source location *see segment notes
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>C</b>	<b>A</b>		
3039	Party identifier	M an..35	<b>M</b>		For identification of parties it is recommended to use GLN - Format n13.
1131	Code list identification code	C an..17	<b>N</b>		
3055	Code list responsible agency code	C an..3	<b>R</b>	*	9 = GS1 91 = Assigned by Seller 92 = Assigned by Buyer
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>C</b>	<b>O</b>		This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.
3124	Name and address description	M an..35	<b>M</b>		
3124	Name and address description	C an..35	<b>O</b>		
3124	Name and address description	C an..35	<b>O</b>		
3124	Name and address description	C an..35	<b>O</b>		
3124	Name and address description	C an..35	<b>O</b>		
<b>C080</b>	<b>PARTY NAME</b>	<b>C</b>	<b>D</b>		Only used in case C082 does not contain a GS1 GLN
3036	Party name	M an..35	<b>M</b>		Party Name in clear text.



# Segment Layout

Segment number

		EDIFACT	GS1	*	Description
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 code	C an..3	O		
<b>C059</b>	<b>STREET</b>	<b>C</b>	<b>D</b>		<b>Only used in case C082 does not contain a GS1 GLN</b>
3042	Street and number or post office box identifier	M an..35	M		Building Name/Number and Street Name
3042	Street and number or post office box identifier	C an..35	O		
3042	Street and number or post office box identifier	C an..35	O		
3042	Street and number or post office box identifier	C an..35	O		
3164	City name	C an..35	D		City/Town name, clear text
<b>C819</b>	<b>COUNTRY SUB-ENTITY DETAILS</b>	<b>C</b>	<b>D</b>		<b>Only used in case C082 does not contain a GS1 GLN</b>
3229	Country sub-entity name code	C an..9	O		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	O		
3228	Country sub-entity name	C an..70	O		County/State, clear text.
3251	Postal identification code	C an..17	D		Postal Code
3207	Country name code	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 invoicee must be identified if different from the buying and supplying parties. The delivery party needs to be specified if different to the buyer's address.

**\*Sourcing location will be used in case of a supplier with several production/warehouse locations and only 1 NAD-SU GLN. Has to be sent back in ORDERS, DESADV and INVOIC messages ONLY WHEN IT IS SENT BY BUNZL IN THE ORDERS MESSAGE!**

Example:

NAD+BY+5412345000020::9'

NAD+SU+401234500004::9'

NAD+DP+5412345000013::9'

**Dependency Notes:**

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

C080 - C059 - 3164 - C819 - 3251 - 3207



# Segment Layout

Segment number  
 7

<b>SG2</b>	- C	99 - NAD-SG3
<b>SG3</b>	- C	9999 - RFF
<b>RFF</b>	- M	1 - Reference

Function:

A segment identifying the reference by its number and where appropriate a line number within a document.

		EDIFACT	GS1	*	Description
<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>		
1153	Reference code qualifier	M an..3	<b>M</b>	*	FC = Fiscal number VA = VAT registration number
1154	Reference identifier	C an..70	<b>R</b>		
1156	Document line identifier	C an..6	<b>N</b>		
4000	Reference version identifier	C an..35	<b>N</b>		
1060	Revision identifier	C an..6	<b>N</b>		

Segment Notes:

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

Example:

RFF+VA:VR12345'



# Segment Layout

Segment number  
 8

<b>SG7</b>	- M	99 - Currencies
<b>CUX</b>		

Function:

A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.

	EDIFACT	GS1	*	Description
<b>C504 CURRENCY DETAILS</b>	<b>C</b>	<b>R</b>		
6347 Currency usage code qualifier	M an..3	<b>M</b>	*	2 = Reference currency
6345 Currency identification code	C an..3	<b>R</b>		ISO 4217 three alpha
6343 Currency type code qualifier	C an..3	<b>R</b>	*	4 = Invoicing currency
6348 Currency rate value	C n..4	<b>N</b>		

Segment Notes:

This segment is used to specify currency information for the complete invoice.  
 The CUX Segment is mandatory for international exchanges.

Example:

Where only the invoicing currency needs to be identified for national trade.  
 CUX+2:EUR:4'





# Segment Layout

Segment number  
9

<b>SG16</b>	- C	4 - ALC-SG19-SG20			
<b>ALC</b>	- M	1 - Allowance or charge			
Function: A segment identifying the charge or allowance and, where necessary, its calculation sequence.					
		EDIFACT	GS1	*	Description
5463	Allowance or charge code qualifier	M an..3	<b>M</b>		A = Allowance C = Charge
<b>C552</b>	<b>ALLOWANCE/CHARGE INFORMATION</b>	<b>C</b>	<b>O</b>		
1230	Allowance or charge identifier	C an..35	<b>D</b>		If code '69' is used in DE 5189, the agreement number must be specified in DE 1230.
5189	Allowance or charge identification code	C an..3	<b>O</b>		69 = Charge for a customer specific finish 64E = Yearly turnover allowance/charge
4471	Settlement means code	C an..3	<b>O</b>		1 = Bill back 2 = Off invoice 5 = Charge to be paid by vendor 6 = Charge to be paid by customer
1227	Calculation sequence code	C an..3	<b>D</b>		1 = First step of calculation 2 = Second step of calculation etc, etc, etc, 9 = Ninth step of calculation 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.
<b>C214</b>	<b>SPECIAL SERVICES IDENTIFICATION</b>	<b>C</b>	<b>D</b>		
7161	Special service description code	C an..3	<b>R</b>		AAT = Freight Charge Express ABL = Packing Charge ABO = Freight Charge Air ABZ = Miscellaneous rebate or discount ACX = Freight Charge See ADR = Other services FC = Freight Charge FG = Samples PN = Pallet Charge TD = Trade discount
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
7160	Special service description	C an..35	<b>O</b>		



## Segment Layout

Segment number

9

	EDIFACT	GS1	*	Description
7160	Special service description	C an..35	O	
<p>Segment Notes:</p> <p>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.</p> <p>It is not allowed to use 2 or more C214 with the same 7161 code. No more than 3 ALC segments are allowed.</p> <p>ALC group is not allowed in case of a consolidated invoice!</p> <p>Example: ALC+C++6++FC' Freight charges to be paid by the customer.</p>				



# Segment Layout

Segment number

10

<b>SG16</b>	- C	9999 - ALC-SG18-SG19-SG20-SG21-SG22			
<b>SG19</b>	- C	1 - PCD			
<b>PCD</b>	- M	1 - Percentage details			
Function: A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.					
		EDIFACT	GS1	*	Description
<b>C501</b>	<b>PERCENTAGE DETAILS</b>	<b>M</b>	<b>M</b>		
5245	Percentage type code qualifier	M an..3	<b>M</b>		1 = Allowance 2 = Charge
5482	Percentage	C n..10	<b>R</b>		
5249	Percentage basis identification code	C an..3	<b>O</b>		13 = Invoice value
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
4405	Status description code	C an..3	<b>N</b>		
Segment Notes: This segment is used to specify any percentage discounts or charges for the current ALC segment group. Should be used if a charge or discount is based on a percentage.  Example: PCD+1:1.45:13'					



# Segment Layout

Segment number  
 11

<b>SG16</b>	- C	9999 - ALC-SG19-SG20
<b>SG20</b>	- C	2 - MOA
<b>MOA</b>	- M	1 - Monetary amount

Function:

A segment identifying the monetary amount for the allowance or charge.

		EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>		
5025	Monetary amount type code qualifier	M an..3	<b>M</b>		8 = Allowance or charge amount 23 = Charge amount 236 = Amount subject to price adjustment 286 = Administration charge
5004	Monetary amount	C n..35	<b>R</b>		
6345	Currency identification code	C an..3	<b>N</b>		
6343	Currency type code qualifier	C an..3	<b>N</b>		
4405	Status description code	C an..3	<b>N</b>		

Segment Notes:

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

Example:

MOA+8:125.00'



# Segment Layout

Segment number  
12

**SG26** - C 9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39

**LIN** - M 1 - Line item

**Function:**

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

		EDIFACT	GS1	*	Description
1082	Line item identifier	C an..6	R		Application generated number of the item lines within the invoice.
1229	Action request/notification description code	C an..3	N		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>	<b>D</b>		This composite is only used for the identification of GS1 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.
7140	Item identifier	C an..35	R		Format n..14. GTIN - this is the number of the article being invoiced.
7143	Item type identification code	C an..3	R	*	SRV = GS1 Global Trade Item Number
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	N		
<b>C829</b>	<b>SUB-LINE INFORMATION</b>	<b>C</b>	<b>D</b>		
5495	Sub-line indicator code	C an..3	R	*	1 = Sub-line information
1082	Line item identifier	C an..6	R		
1222	Configuration level number	C n..2	N		
7083	Configuration operation code	C an..3	N		

**Segment Notes:**

This segment is used to identify the item being invoiced.

If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.

The detail section is formed by a repeating group of segments, always starting with a LIN segment.

**Example:**

LIN+1++4000862141404:SRV'

**Dependency Notes:**

C829 is only used when sub-lines are required.



# Segment Layout

Segment number  
 13

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39			
<b>PIA</b>	- M	25 - Additional product id			
Function: A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.					
		EDIFACT	GS1	*	Description
4347	Product identifier code qualifier	M an..3	<b>M</b>		1 = Additional identification 5 = Product Identification
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>M</b>	<b>M</b>		
7140	Item identifier	C an..35	<b>R</b>		
7143	Item type identification code	C an..3	<b>R</b>		IN = Buyer's item number SA = Supplier's article number
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>	<b>O</b>		
7140	Item identifier	C an..35	<b>R</b>		
7143	Item type identification code	C an..3	<b>R</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>C</b>	<b>O</b>		
7140	Item identifier	C an..35	<b>R</b>		
7143	Item type identification code	C an..3	<b>R</b>		
1131	Code list identification code	C an..17	<b>O</b>		



# Segment Layout

Segment number

	EDIFACT	GS1	*	Description
3055 Code list responsible agency code	C an..3	D		
<b>C212 ITEM NUMBER IDENTIFICATION</b>	<b>C</b>	<b>O</b>		
7140 Item identifier	C an..35	R		
7143 Item type identification code	C an..3	R		
1131 Code list identification code	C an..17	O		
3055 Code list responsible agency code	C an..3	D		
<b>C212 ITEM NUMBER IDENTIFICATION</b>	<b>C</b>	<b>O</b>		
7140 Item identifier	C an..35	R		
7143 Item type identification code	C an..3	R		
1131 Code list identification code	C an..17	O		
3055 Code list responsible agency code	C an..3	D		

**Segment Notes:**

This segment is used to specify additional or substitutional item identification codes such as a buyers, or sellers item number. **Bunzl expects both buyer's item number and supplier article number in the invoice.**

**Example:**

PIA+1+ABC1234:IN'

In this example the PIA segment is used to provide an additional identification to the GTIN provided in the LIN segment. The GTIN 5412345111115 provided in the LIN segment refers to the internal buyer's item number ABC1234.



# Segment Layout

Segment number  
 14

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>IMD</b>	- C	99 - Item description

**Function:**

A segment for describing the product or service being ordered as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

		EDIFACT	GS1	*	Description
7077	Description format code	C an..3	O	*	F = <b>Free-form</b>
<b>C272</b>	<b>ITEM CHARACTERISTIC</b>	<b>C</b>	<b>O</b>		
7081	Item characteristic code	C an..3	R		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D	*	
<b>C273</b>	<b>ITEM DESCRIPTION</b>	<b>C</b>	<b>A</b>		
7009	Item description code	C an..17	O		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D		
7008	Item description	C an..256	O		
7008	Item description	C an..256	O		
3453	Language name code	C an..3	O		
7383	Surface or layer code	C an..3	N		

**Segment Notes:**

This segment is used to describe the current line item.

**Example:**

IMD+F++:::CORN CRISPIES:CASE'





# Segment Layout

Segment number  
 15

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>QTY</b>	- M	5 - Quantity

Function:  
 A segment identifying the product quantities e.g. invoiced quantity.

		EDIFACT	GS1	*	Description
<b>C186</b>	<b>QUANTITY DETAILS</b>	<b>M</b>	<b>M</b>		
6063	Quantity type code qualifier	M an..3	<b>M</b>	*	12 = Despatch quantity 21 = Ordered quantity 46 = Delivered quantity 47 = Invoiced quantity
6060	Quantity	M an..35	<b>M</b>		
6411	Measurement unit code	C an..3	<b>N</b>		

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

Example:  
 QTY+47:40'

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



# Segment Layout

Segment number  
 16

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39			
<b>DTM</b>	- C	35 - Date/time/period			
Function: A segment specifying date/time/period details relating to the line item only.					
		EDIFACT	GS1	*	Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>		
2005	Date or time or period function code qualifier	M an..3	<b>M</b>	*	11 = Despatch date and/or time 35 = Delivery date/time, actual
2380	Date or time or period value	C an..35	<b>R</b>		
2379	Date or time or period format code	C an..3	<b>R</b>		102 = CCYMMDD 718 = CCYMMDD-CCYMMDD
Segment Notes: This segment is used to specify the date of despatch, delivery, or receipt of the current line item.  Example: DTM+35:20020801:102'					



# Segment Layout

Segment number  
 17

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG27</b>	- M	99 - MOA
<b>MOA</b>	- M	1 - Monetary amount

Function:

A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

		EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>		
5025	Monetary amount type code qualifier	M an..3	<b>M</b>		203 = Line item amount 388 = Total amount including Value Added Tax (VAT) 25 = Charge/Allowance basis
5004	Monetary amount	C n..35	<b>R</b>		
6345	Currency identification code	C an..3	<b>O</b>		ISO 4217 three alpha
6343	Currency type code qualifier	C an..3	<b>O</b>	*	4 = Invoicing currency 10 = Pricing currency 11 = Payment currency
4405	Status description code	C an..3	<b>N</b>		

Segment Notes:

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

Line Item Amount = Quantity \* Unit Price-allowance/charge

Charge/Allowance basis = Quantity \* Gross Unit Price

MOA should be equal to the MOA in the Purchase Order.

Charge/Allowance basis is mandatory in case of a ALC group on the invoice line

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.



# Segment Layout

Segment number  
 18

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG29</b>	- M	25 - PRI
<b>PRI</b>	- M	1 - Price details

**Function:**

A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price specification code".

		EDIFACT	GS1	*	Description
<b>C509</b>	<b>PRICE INFORMATION</b>	<b>M</b>	<b>R</b>		
5125	Price code qualifier	M an..3	<b>M</b>		AAA = <a href="#">Calculation net</a> AAB = <a href="#">Calculation gross</a>  AAA - The price stated is the net price including all allowances and charges and excluding taxes. Allowances and charges may not be stated. AAB - The price stated is the gross price excluding all allowances, charges and taxes. Allowances and charges must be stated for net calculation purposes.
5118	Price amount	M n..15	<b>R</b>		
5375	Price type code	C an..3	<b>N</b>		
5387	Price specification code	C an..3	<b>N</b>		
5284	Unit price basis value	C n..9	<b>N</b>		
6411	Measurement unit code	C an..3	<b>C</b>		
5213	Sub-line item price change operation code	C an..3	<b>N</b>		

**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'

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

PRI+AAB:25:CT'

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

PRI should be equal to the PRI in the purchase order. If PO is gross, invoice should be gross. If PO is net, the invoice should be net.

If the ALC segment on line level (SG39) is used, AAB should be used to identify the price as a price excluding taxes. In case no ALC segment on line level is used, the value AAA should be used.

No other codes are allowed.



# Segment Layout

Segment number  
 19

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG30</b>	- M	10 - RFF-DTM
<b>RFF</b>	- M	1 - Reference

Function:

A segment identifying the reference by its number and where appropriate a line number within a document.

		EDIFACT	GS1	*	Description
<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>M</b>		
1153	Reference code qualifier	M an..3	<b>M</b>		AAK = Despatch advice number CR = Customer reference number CT = Contract number ON = Order number (buyer) * BO = Blanket order number
1154	Reference identifier	C an..70	<b>R</b>		
1156	Document line identifier	C an..6	<b>R</b>		Original order line number (for RFF+ON) *
4000	Reference version identifier	C an..35	<b>N</b>		
1060	Revision identifier	C an..6	<b>N</b>		

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 when the same qualifier is used. **This segment is used if the invoice relates to more than one RFF ON and/or RFF AAK. In case of a consolidated invoice the RFF+ON is mandatory on every line or sending invoices to France Sécurité!**

Example:

RFF+ON:PO001234:1'



# Segment Layout

Segment number  
 20

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG30</b>	- C	10 - RFF-DTM
<b>DTM</b>	- C	5 - Date/time/period

Function:

A segment specifying the date/time related to the reference.

		EDIFACT	GS1	*	Description
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>M</b>		
2005	Date or time or period function code qualifier	M an..3	<b>M</b>	*	171 = Reference date/time
2380	Date or time or period value	C an..35	<b>R</b>		
2379	Date or time or period format code	C an..3	<b>R</b>		102 = CCYYMMDD

Segment Notes:

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

Example:

DTM+171:20020802:102'



# Segment Layout

Segment number  
 21

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG34</b>	- M	99 - TAX-MOA
<b>TAX</b>	- M	1 - Duty/tax/fee details

Function:

A segment specifying a tax type, category and rate, or exemption, relating to the line item.

		EDIFACT	GS1	*	Description
5283	Duty or tax or fee function code qualifier	M an..3	<b>M</b>		5 = <a href="#">Customs duty</a> 7 = <a href="#">Tax</a>
<b>C241</b>	<b>DUTY/TAX/FEE TYPE</b>	<b>C</b>	<b>D</b>		
5153	Duty or tax or fee type name code	C an..3	<b>R</b>		VAT = <a href="#">Value added tax</a>
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5152	Duty or tax or fee type name	C an..35	<b>O</b>		
<b>C533</b>	<b>DUTY/TAX/FEE ACCOUNT DETAIL</b>	<b>C</b>	<b>O</b>		
5289	Duty or tax or fee account code	M an..6	<b>M</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5286	Duty or tax or fee assessment basis value	C an..15	<b>O</b>		
<b>C243</b>	<b>DUTY/TAX/FEE DETAIL</b>	<b>C</b>	<b>A</b>		
5279	Duty or tax or fee rate code	C an..7	<b>O</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5278	Duty or tax or fee rate	C an..17	<b>R</b>		The actual rate of tax/duty.
5273	Duty or tax or fee rate basis code	C an..12	<b>O</b>		2 = <a href="#">Weight</a> 3 = <a href="#">Quantity</a>
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5305	Duty or tax or fee category code	C an..3	<b>D</b>		A = <a href="#">Mixed tax rate</a> E = <a href="#">Exempt from tax</a> S = <a href="#">Standard rate</a>
3446	Party tax identifier	C an..20	<b>O</b>		
1227	Calculation sequence code	C an..3	<b>N</b>		



## Segment Layout

Segment number

**Segment Notes:**

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

**Example:**

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





# Segment Layout

Segment number  
 22

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG34</b>	- M	99 - TAX-MOA
<b>MOA</b>	- C	2 - Monetary amount

Function:

A segment specifying the amount for the identified tax/fee.

	EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	M	<b>M</b>	
5025	Monetary amount type code qualifier	M an..3	<b>M</b>	124= Tax amount 125= Taxable amount
5004	Monetary amount	C n..35	<b>R</b>	
6345	Currency identification code	C an..3	<b>N</b>	
6343	Currency type code qualifier	C an..3	<b>N</b>	
4405	Status description code	C an..3	<b>N</b>	

Segment Notes:

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

Example:

MOA+124:121.80'

21% (expressed in TAX segment) of 580 (expressed in MOA (SG27) segment) = 121.80.



# Segment Layout

Segment number  
 23

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG39</b>	- C	4 – ALC-SG41-SG42
<b>ALC</b>	- M	1 - Allowance or charge

Function:

A segment identifying the charge or allowance and, where necessary its calculation sequence.

		EDIFACT	GS1	*	Description
5463	Allowance or charge code qualifier	M an..3	<b>M</b>		A = Allowance C = Charge
<b>C552</b>	<b>ALLOWANCE/CHARGE INFORMATION</b>	<b>C</b>	<b>O</b>		
1230	Allowance or charge identifier	C an..35	<b>D</b>		If code '69' is used in DE 5189, the agreement number must be specified in DE 1230.
5189	Allowance or charge identification code	C an..3	<b>O</b>		64E = Yearly turnover allowance/charge 69 = Charge for a customer specific finish 101 = Carbon footprint charge
4471	Settlement means code	C an..3	<b>O</b>		2 = Off invoice 5 = Charge to be paid by vendor 6 = Charge to be paid by customer
1227	Calculation sequence code	C an..3	<b>D</b>		1 = First step of calculation 2 = Second step of calculation etc, etc, etc, 9 = Ninth step of calculation 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. If the allowance or charge is not to be applied against a fixed price then the calculation sequence indicator must be included.



# Segment Layout

Segment number

<b>C214</b>	<b>SPECIAL SERVICES IDENTIFICATION</b>	<b>C</b>	<b>D</b>	
				This composite is only included if the type of allowance or charge is agreed upon
7161	Special service description code	C an..3	<b>R</b>	ABG = Cliché cost ACY = Deposit AEO = Eco charge/FrostPlus/Recycling DI = Discount IAA = Installation RAA = Rebate RAE = Resellers discount SF = Special Rebate VOC = Charge Organic Chemicals (Switzerland only)
1131	Code list identification code	C an..17	<b>O</b>	
3055	Code list responsible agency code	C an..3	<b>D</b>	9 = GS1 Code value 9 is used when GS1 codes are used in DE 7161.
7160	Special service description	C an..35	<b>O</b>	
7160	Special service description	C an..35	<b>O</b>	

**Segment Notes:**

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

It is not allowed to use 2 or more C214 with the same 7161 code

ALC group is not allowed in case of a consolidated invoice!

Example:

ALC+A++2++DI'



# Segment Layout

Segment number  
 24

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39
<b>SG39</b>	- C	30- ALC-SG41-SG42
<b>SG41</b>	- M	1 - PCD
<b>PCD</b>	- M	1 - Percentage details

Function:

A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.

		EDIFACT	GS1	*	Description
<b>C501</b>	<b>PERCENTAGE DETAILS</b>	<b>M</b>	<b>M</b>		
5245	Percentage type code qualifier	M an..3	<b>M</b>		1 = Allowance 2 = Charge
5482	Percentage	C n..10	<b>R</b>		
5249	Percentage basis identification code	C an..3	<b>O</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
4405	Status description code	C an..3	<b>N</b>		

Segment Notes:

This segment is used to specify percentage discounts or charges for the line item being invoiced. Should be used if a charge or discount is based on a percentage.

Example:

PCD+1:0.75'



# Segment Layout

Segment number  
 25

<b>SG26</b>	- C	9999999 – LIN-PIA-IMD-QTY-DTM--SG27-SG29-SG30-SG34-SG39			
<b>SG39</b>	- C	30 - ALC-SG41-SG42			
<b>SG42</b>	- M	2 - MOA			
<b>MOA</b>	- M	1 - Monetary amount			
Function: A segment identifying the monetary amount for the allowance or charge.					
		EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>		
5025	Monetary amount type code qualifier	M an..3	<b>M</b>		8 = Allowance or charge amount 23 = Charge amount 25 = Charge/allowance basis 204 = Allowance amount
5004	Monetary amount	C n..35	<b>R</b>		
6345	Currency identification code	C an..3	<b>N</b>		
6343	Currency type code qualifier	C an..3	<b>N</b>		
4405	Status description code	C an..3	<b>N</b>		
Segment Notes: This segment is used to specify monetary allowances/charges for the line item being invoiced.  Example: MOA+8:12.20'					



## Segment Layout

Segment number  
26

<b>UNS</b>	- M	1 - Section control			
Function: A mandatory service segment placed before the first user segment in the summary section to avoid segment collision.					
		EDIFACT	GS1	*	Description
0081	Section identification	M a1	<b>M</b>		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'					



# Segment Layout

Segment number

27

<b>CNT</b>	- M	10 - Control total			
Function: A segment by which control totals may be provided by the sender for checking by the receiver.					
		EDIFACT	GS1	*	Description
<b>C270</b>	<b>CONTROL</b>	<b>M</b>	<b>M</b>		
6069	Control total type code qualifier	M an..3	<b>M</b>	*	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 total value	M n..18	<b>M</b>		
6411	Measurement unit code	C an..3	<b>O</b>		
Segment Notes: This segment is used to provide message control information for checking on the message receiver's in-house system.  Example: CNT+2:120'					



# Segment Layout

Segment number

28

<b>SG50</b>	- M	100 - MOA			
<b>MOA</b>	- M	1 - Monetary amount			
<p>Function:</p> <p>A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.</p>					
		EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>		
5025	Monetary amount type code qualifier	M an..3	<b>M</b>		9 = Amount due/amount payable 53 = Discount amount due 77 = Invoice amount 79 = Total line items amount 86 = Message total monetary amount 125 = Taxable amount 129 = Total amount subject to payment discount 131 = Total charges/allowances 176 = Message total duty/tax/fee amount
5004	Monetary amount	C n..35	<b>R</b>		
6345	Currency identification code	C an..3	<b>O</b>		
6343	Currency type code qualifier	C an..3	<b>O</b>		13 = Recipient local currency 15 = Sender local currency
4405	Status description code	C an..3	<b>N</b>		
<p>Segment Notes:</p> <p>This segment is used to detail total monetary values due for the entire invoice.  <u>MOA+77, MOA+79 and MOA+176 are mandatory!</u>            MOA+9 will be treated as a MOA+77 and cannot be used for sending total amount due to supplier.            Example:            MOA+77:45612.20'</p>					





# Segment Layout

Segment number  
 29

<b>SG52</b>	- C	10 - TAX-MOA			
<b>TAX</b>	- M	1 - Duty/tax/fee details			
Function: A segment specifying the tax type to be summarized.					
		EDIFACT	GS1	*	Description
5283	Duty or tax or fee function code qualifier	M an..3	<b>M</b>		5 = Customs duty 7 = Tax
<b>C241</b>	<b>DUTY/TAX/FEE TYPE</b>	<b>C</b>	<b>D</b>		
5153	Duty or tax or fee type name code	C an..3	<b>O</b>		GST = Goods and services tax VAT = Value added tax
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5152	Duty or tax or fee type name	C an..35	<b>O</b>		
<b>C533</b>	<b>DUTY/TAX/FEE ACCOUNT DETAIL</b>	<b>C</b>	<b>O</b>		
5289	Duty or tax or fee account code	M an..6	<b>M</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5286	Duty or tax or fee assessment basis value	C an..15	<b>O</b>		
<b>C243</b>	<b>DUTY/TAX/FEE DETAIL</b>	<b>C</b>	<b>A</b>		
5279	Duty or tax or fee rate code	C an..7	<b>O</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5278	Duty or tax or fee rate	C an..17	<b>R</b>		The actual rate of tax/duty.
5273	Duty or tax or fee rate basis code	C an..12	<b>O</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
5305	Duty or tax or fee category code	C an..3	<b>D</b>		A = Mixed tax rate E = Exempt from tax S = Standard rate



## Segment Layout

Segment number

3446	Party tax identifier	C an..20	O	
1227	Calculation sequence code	C an..3	N	

### 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.

### Dependency Notes:

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



# Segment Layout

Segment number  
 30

<b>SG52</b>	- C	10 - TAX-MOA			
<b>MOA</b>	- M	9 - Monetary amount			
Function: A segment specifying the summary amount for the tax specified.					
		EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>		
5025	Monetary amount type code qualifier	M an..3	<b>M</b>	*	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..35	<b>R</b>		
6345	Currency identification code	C an..3	<b>N</b>		
6343	Currency type code qualifier	C an..3	<b>O</b>	*	
4405	Status description code	C an..3	<b>N</b>		
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. <u>MOA+124 and MOA+125 are mandatory!</u>  Example: MOA+124:15243.32'					



# Segment Layout

Segment number  
 31

<b>SG53</b>	- C	15 – ALC-MOA			
<b>ALC</b>	- M	1 - Allowance or charge			
Function: A segment identifying the charge or allowance type to be summarised.					
		EDIFACT	GS1	*	Description
5463	Allowance or charge code qualifier	M an..3	<b>M</b>		A = Allowance C = Charge
<b>C552</b>	<b>ALLOWANCE/CHARGE INFORMATION</b>	<b>C</b>	<b>O</b>		
1230	Allowance or charge identifier	C an..35	<b>D</b>		If code '69' is used in DE 5189, the agreement number must be specified in DE 1230.
5189	Allowance or charge identification code	C an..3	<b>O</b>		69 = Charge for a customer specific finish
4471	Settlement means code	C an..3	<b>O</b>		
1227	Calculation sequence code	C an..3	<b>N</b>		
<b>C214</b>	<b>SPECIAL SERVICES IDENTIFICATION</b>	<b>C</b>	<b>D</b>		This composite is only included if the buyer knows the type of allowance or charge.
7161	Special service description code	C an..3	<b>O</b>		
1131	Code list identification code	C an..17	<b>O</b>		
3055	Code list responsible agency code	C an..3	<b>D</b>		
7160	Special service description	C an..35	<b>O</b>		
7160	Special service description	C an..35	<b>O</b>		
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 and on individual product lines are summarized here.  Example: ALC+A++++TD'					



# Segment Layout

Segment number  
 32

<b>SG53</b>	- C	15 - ALC-MOA			
<b>MOA</b>	- C	2 - Monetary amount			
Function: A segment specifying the summary amount for the allowance or charge.					
		EDIFACT	GS1	*	Description
<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>M</b>		
5025	Monetary amount type code qualifier	M an..3	<b>M</b>	*	8 = Allowance or charge amount
5004	Monetary amount	C n..35	<b>R</b>		
6345	Currency identification code	C an..3	<b>N</b>		
6343	Currency type code qualifier	C an..3	<b>N</b>		
4405	Status description code	C an..3	<b>N</b>		
Segment Notes: This segment is used to specify the total monetary value per allowance or charge type.  Example: MOA+8:6583.49'					



## Segment Layout

Segment number  
33

<b>UNT</b>	- M	1 - Message trailer		
Function: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.				
		EDIFACT	GS1 *	Description
0074	Number of segments in the message	M n..6	<b>M</b>	The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	<b>M</b>	The message reference number 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+103+1'				



## Examples

### 1. Simple invoice, only net prices, no (misc.) charges or allowances used

UNA:+.? '  
UNB+UNOC:3+222222222222:14+1111111111116:14+200221:0950+2'  
UNH+1+INVOIC:D:01B:UN:EAN011'  
BGM+380+I0000002+9'  
DTM+137:20200221:102'  
DTM+35:20200221:102'  
RFF+AAK:DN123456790'  
DTM+171:20200221:102'  
RFF+ON:PO0000002'  
DTM+171:20200216:102'  
NAD+BY+1111111111116::9'  
RFF+VA:NL001123456B01'  
NAD+DP+1111111111116::9'  
NAD+SU+222222222222::9'  
RFF+VA:NL0011234567B01'  
NAD+IV+1111111111116::9'  
RFF+VA:NL001123456B01'  
CUX+2:EUR:4'  
LIN+1++1000000000009:SRV'  
PIA+1+S12345:SA'  
PIA+1+I98765:IN'  
IMD+F+++::TISSUES '  
QTY+47:1'  
MOA+203:126.8'  
PRI+AAA:126.8'  
RFF+ON:PO0000002:1'  
TAX+7+VAT+++:::21+S'  
LIN+2++1000000000016:SRV'  
PIA+1+S12346:SA'  
PIA+1+I98764:IN'  
IMD+F+++::TOWEL '  
QTY+47:10'  
MOA+203:196'  
PRI+AAA:19.6'  
RFF+ON:PO0000002:2'  
TAX+7+VAT+++:::21+S'  
UNS+S'  
MOA+79:322.80'  
MOA+77:390.59'  
MOA+176:67.79'  
TAX+7+VAT+++:::21+S'  
MOA+124:67.79'  
MOA+125:322.80'  
UNT+42+1'  
UNZ+1+2'



## 2. Complex invoice with (misc.) charges and allowances

UNA:+.? '  
UNB+UNOC:3+222222222222:14+1111111111116:14+200221:0950+1'  
UNH+1+INVOIC:D:01B:UN:EAN011'  
BGM+380+I0000001+9'  
DTM+137:20200221:102'  
DTM+35:20200221:102'  
RFF+AAK:DN123456789'  
DTM+171:20200221:102'  
RFF+ON:PO0000001'  
DTM+171:20200216:102'  
NAD+BY+1111111111116::9'  
RFF+VA:NL001123456B01'  
NAD+DP+1111111111116::9'  
NAD+SU+222222222222::9'  
RFF+VA:NL001234567B01'  
NAD+IV+1111111111116::9'  
RFF+VA:NL001123456B01'  
CUX+2:EUR:4'  
ALC+C+++1+ABZ'  
MOA+8:350'  
LIN+1++100000000009:SRV'  
PIA+1+S12345:SA'  
PIA+1+I98765:IN'  
IMD+F+++::TISSUES'  
QTY+47:1'  
MOA+203:57.06'  
PRI+AAB:126.8'  
RFF+ON:PO0000001:1'  
TAX+7+VAT+++::21+S'  
ALC+A++++DI'  
PCD+1:55'  
MOA+8:69.74'  
LIN+2++100000000016:SRV'  
PIA+1+S12346:SA'  
PIA+1+I98764:IN'  
IMD+F+++::TOWEL'  
QTY+47:40'  
MOA+203:431.2'  
PRI+AAB:19.6'  
RFF+ON:PO0000001:2'  
TAX+7+VAT+++::21+S'  
ALC+A++++DI'  
PCD+1:45'  
MOA+8:352.8'  
LIN+3++100000000023:SRV'  
PIA+1+S12347:SA'  
PIA+1+I98763:IN'  
IMD+F+++::NAPKINS'  
QTY+47:1'  
MOA+203:35'  
PRI+AAA:35'





RFF+ON:PO0000001:3'  
TAX+7+VAT+++:::21+S'  
UNS+S'  
MOA+79:523.26'  
MOA+77:1056.64'  
MOA+176:183.38'  
MOA+131:350'  
TAX+7+VAT+++:::21+S'  
MOA+124:183.38'  
MOA+125:873.26'  
ALC+A+++DI'  
MOA+8:422.54  
ALC+C+++ABZ'  
MOA+8:350'  
UNT+64+1'  
UNZ+1+1'