

billbox



billbox[®] EDIFACT Message Implementation Guideline

INVOIC D.96A
INVOIC D.01B

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1 Changelog

Version	Change	Description
1.3	Introducing invoice and LIN discount	You can state discount on invoice and line item level with ALC
1.2.8	Added Glossary	To separate cash discount from invoice discounts etc.
1.2.7	UTF-8 encoding	We accept only UTF-8 without BOM
1.2.6	Interchange delivery	New e-mail address for testing purposes
1.2.5	SG8 - PAT - discount payment terms	Added cash discount example
1.2.4	SG8 - PAT - discount payment terms	You can specify cash discount by providing second SG8 group
1.2.3	SG29 (96A) and SG30 (01B) can be used	You can specify delivery note number and date per each line item
1.2.3	LIN/e1082 is now mandatory	We expect line items ordering to be provided
1.2.2	RFF+DQ	Added hint for various delivery notes

2 Glossary

Wording	Description
Cash Discount	Discount for prompt/early payment (PAT Segment)
Invoice Discount	Discount which is applied on invoice level (ALC Segment)
Line Item Discount	Discount which is applied on line item level (ALC Segment)

3 Introduction

3.1 Interchanges delivery

- ❓ We accept your interchanges as e-mail messages with attached files at invoices@edi.billbox.com
- ❓ for **developing** and **testing** phase, please use address EDI@billbox.com
- ❓ One e-mail can obtain several files, in one file there should be one EDI interchange.
- ❓ Attached files have to have ***.inv** or ***.edi** extensions and shouldn't be larger than **0.5MB**.
- ❓ We expect files encoded in **UTF-8 (without BOM)**, **ISO-8859-2** or **ISO-8859-1**. If you supply file with different encoding, special characters like diacritics, € or ß can be broken during the import process.

3.2 Interchange structure

In one interchange, there can be more messages (invoices) of the same type – and we prefer this (see example 6.2) as long as the file is not larger than **0.5MB**. Please always provide one interchange in one file.

3.3 Supported messages

In interchanges, we currently accept messages of following types:

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We do not accept other message types, except if we create mappings for **your** format. We do not send back any kind of acknowledgement message, even if you demand it in your interchange file.

3.4 Supported elements

Every element, segment or segment group that we can automatically process is described in this document. Other information contained in an interchange will be ignored. For example delivery date, which we process and is described in this document should be expressed as

DTM+3:20140303:102', while shipment date, which is expressed as **DTM+10:20140202:102'** will be ignored.

If you need to express other information than we currently process, both sides (sender and billbox) have to agree on that. Please try to avoid unnecessary information in the interchanges. Smaller files will enable us to process invoices more efficiently and investigate potential issues faster.

3.5 Message control segment count

We will reject any message, that have incorrect segment control count (see UNT segment). Segment control count is important checking mechanism to guarantee that message is semantically correct. Segment UNT/e0074 is "Control count of number of segments in a message" – **INCLUDING UNH + UNT segments**. Example of message segments:

```
UNH
    ... 32 inner segments ...
UNT
```

In this example correct control count is **34**.

We will not process a message with incorrect control count, even if it appears readable and correct, because it can be corrupted in some unpredictable way and our parsing service can restore different data from your files than you intended to send.

3.6 Message codes

In BGM/c002/e1001 – "Document / message code" you have to specify type of following document. We support these types:

- ❓ **380** - Commercial invoice
- ❓ **381** - Credit note
- ❓ **84** - Debit note related to financial adjustments
- ❓ **83** - Credit note related to financial adjustments

Do not negate amounts or quantities for credit notes.

Express credit note by sending '381' or '83' and let amounts and quantities in their natural form.

4 General segment description

Segment	Application Mandatory or Conditional / Repetitions	Function
UNA	C / 1	Used to head, identify and specify a message.
UNB	M / 1	Used to start, identify and specify an interchange.
UNZ	M / 1	Used to end interchange and sum how many messages were included.

4.1 UNA

UNA segment is optional in common EDI standard, example:

UNA:+.? '

Where characters means:

- [:] Component data element separator
- [+] Data element separator
- [.] Decimal separator
- [?] Escape character
- [] Reserved character (Whitespace)
- ['] Segment terminator

You are responsible for escaping those characters in fields like names, descriptions, units etc. (see example 6.3)

4.2 UNB

UNB+UNOC:3+George Adam, Coca Cola+billbox+130101:1600+333444+++++1'

Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
s001/e0001	Syntax identifier	M / 1	UNOC	Has to be "UNOC"
s001/e0002	Syntax version number	M / 1	3	Has to be "3"
s002/e0004	Sender identification	M / 1	George Adam, Coca Cola	Some text identifying the interchange sender name, just for our information
s003/e0010	Recipient identification	M / 1	billbox	Has to be "billbox"
s004/0017	Date of interchange preparation	M / 1	130101	in format "YMMDD"
s004/0019	Time of interchange preparation	M / 1	1600	in format "hhmm"
e0020	Interchange control reference	M / 1	333444	Unique string assigned by the sender, this string has to be seen in the end on the interchange, in the UNZ segment.

e0035	Test indicator	C / 1	1	1 or 0 or may be omitted, test interchanges will not be pushed into production data
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4.3 UNZ

UNZ+1+333444'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e0036	Interchange control count	M / 1	1	This number specifies, how many messages are in the interchange and it has to correspond to that count.
e0020	Interchange control reference	M / 1	333444	Unique string assigned by the sender, this string has to be introduced in UNB segment above and be the same.

5 D.96A

5.1 All segments overview

Group	Segment	Application Mandatory or Conditional / Repetitions	Function
	UNH	M / 1	Used to head, identify and specify a message
	BGM	M / 1	Indicates the type, function and identifier of a message
	DTM	M / 2 one for issue date one for delivery date	Specifies the issue date and delivery date of the invoice
	FTX	C / 10	Invoice note
SG2		M / 2 one for supplier one for buyer	Identifies the involved parties and provides their information given in the invoice
	NAD	M / 1	Identifies a party
SG2 / 3		C / 1 - 2	Holds important numbers, like VAT number. of supplier, customer number (number of client in supplier database), BBX number of client
	RFF	M / 1	VAT number, customer number, BBX number
SG7		M / 1	Holds invoice currency information
	CUX	M / 1	Invoice currency
SG8		C / 1	Holds payment information
	PAT	M / 1	Identifies payment terms basis
	DTM	M / 1	Due date of the invoice
	PAI	C / 1	Specifies the instructions for payment
	FII	C / 1	Specifies the IBAN of bank account
SG8		C / 1	Holds information about cash discount
	PAT	M / 1	Identifies payment terms basis
	DTM	M / 1	Cash discount due date
	PCD	M / 1	Cash discount percentage
	MOA	M / 1	Cash discount amount (actual saving amount, corresponding to percentage given in PCD)
SG15		C / 9999	A group of segments specifying allowances and charges for the whole invoice.
	ALC	M / 1	A segment identifying the charge or allowance and, where necessary, its calculation sequence.

SG15 / 18		M / 1	A group of segments specifying the percentage for the allowance or charge
	PCD	M / 1	A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.
SG15 / 19		M / 1	A group of segments specifying a monetary amount for an allowance or charge.
	MOA	M / 1	A segment identifying the monetary amount for the allowance or charge.
SG15 / 21		C / 1	A group of segments specifying tax related information for the allowance or charge and, when necessary.
	TAX	M / 1	A segment specifying the tax type, category and rate, or exemption, related to the allowance or charge.
SG25		C / 99999, at least 1	Holds line item information, including subgroups
	LIN	M / 1	A segment identifying the line item – mainly line item position
	PIA	M / 1	A segment providing additional identification – mainly article number
	IMD	M / 1	A segment providing line item name
	QTY	M / 1	A segment identifying the quantity and unit
SG25 / 26		M / 1	Holds total monetary amount of line item
	MOA	M / 1	Total monetary amount (unit price * quantity)
SG25 / 28		M / 1	Holds unit price of the line item
	PRI	M / 1	Unit price
SG25 / 29		C / 1	
	RFF	M / 1	Used to specify delivery note number
	DTM	M / 1	Used to specify delivery note date
SG25 / 33		M / 1	Holds VAT of the line item
	TAX	M / 1	VAT in %
SG25 / 38		C / 9999	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	A segment identifying the charge or allowance and, where necessary its calculation sequence.
SG25 / 38 / 40		M / 1	A group of segments specifying the percentage for the allowance or charge
	PCD	M / 1	A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.
SG25 / 38 / 41		M / 1	A group of segments specifying a monetary amount for an allowance or charge.
	MOA	M / 1	A segment identifying the monetary amount for the

			allowance or charge.
SG48		M / 3 one for total invoice net amount one for total invoice taxes amount one for total invoice gross amount	Specifies total amounts of the invoice

5.2 UNH

UNH+111222+INVOIC:D:96A::'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e0062	Message reference number	M / 1	111222	Unique string assigned by the sender, this string has to be seen in the end on the message, in the UNT segment.
s009/e0065	Message type identifier	M / 1	INVOIC	Has to be "INVOIC"
s009/e0052	Message type version number	M / 1	D	Has to be "D"
s009/e0054	Message type release number	M / 1	96A	Has to be "96A"

5.3 BGM

BGM+380+12345678'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c002/e1001	Document / message code	M / 1	380	Has to be: 380 – invoice 381 – credit note 84 - debit note related to financial adjustments 83 - credit note related to financial adjustments
e1004	Document / message number	M / 1	12345678	Used for document number

5.4 DTM

DTM+35:20130718:102'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c507/e2005	Date period qualifier	M / 1	35	Has to be: 3 – invoice issue date 35 – invoice delivery date
c507/e2380	Date period	M / 1	20130718	Date itself
c507/e2379	Date period format	M / 1	102	102 = CCYYMMDD

5.5 FTX

FTX+ZZZ+++This is some invoice note, which: is divided after 70 characters. More FTX?+ZZZ: can be used.'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e4451	Text subject qualifier	M / 1	ZZZ	Has to be: ZZZ – mutually defined
c108/e4440	Free text	M / 1 - 5	This is some invoice note...	70 chars per element

5.6 SG2 / NAD

NAD+SU+++Very long supp:lier name'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e3035	Party qualifier	M / 1	SU	Has to be: SU – supplier BY – buyer
c080/e3036	Party name	M / 1 - 5		35 chars per element

5.7 SG2 / SG3 / RFF

RFF+VA:DE12345678'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c506/e1153	Reference qualifier	M / 1	VA	For SU has to be: VA – supplier (M / 1) For BY has to be: ZZZ – mutually defined – billbox number (M / 1) IT – internal customer number (C / 1)
c506/e1154	Reference number	M / 1	DE12345678	number itself, country prefix (here "DE" has to be present)

Please note, that we process invoices with filled segment RFF+ZZZ' (billbox-no.) only. If you want to establish invoices/credit notes, but the billbox-no. is not present, please ask your billbox-support contact. We will provide you tables which contain all our common client's addresses.

5.8 SG7 / CUX

CUX+2:EUR'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c504/e6347	Currency details qualifier	M / 1	2	Has to be 2 – reference currency
c504/e6345	Currency code	M / 1	EUR	Accepted values EUR, CHF, USD

5.9 SG8 – Payment information

5.9.1 SG8 / PAT

PAT+1'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e4279	Payment terms type qualifier	M / 1	1	Has to be 1 – basic 3 – fixed date

5.9.2 SG8 / DTM

DTM+140:20130718:102'

DTM segment in SG8 payment group is completely same as general DTM segment (above), the only difference is, that element **c507/e2005** needs to obtain value **140** – payment due date.

5.9.3 SG8 / PAI

When you decide to not to supply this segment, payment type (and consequently IBAN) will be derived from yours and buyer's contract setting on our side.

PAI+::42'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c534/e4461	Payment means code	M / 1	42	Has to be 10 – in cash 31 – debit transfer 42 – payment to bank account

5.9.4 SG8 / FII

If **e4461** in **SG8 / PAI** has value **31** – debit transfer or **42** – payment to bank account, IBAN is expected. In both cases IBAN is representing bank account of supplying party to which this invoice should be paid.

FII+SU+DE89370400440532013000'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e3035	Party qualifier	M / 1	SU	Has to be SU – supplier
c078/e3194	Account number - IBAN	M / 1	DE89370400440532013000	IBAN of bank Account

5.10 SG8 – Cash discount information (for prompt payment)

Only one cash discount is supported!

When cash discount is not supplied, it may be derived from yours and buyer's contract setting on our side.

5.10.1 SG8 / PAT

PAT+22'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e4279	Payment terms type qualifier	M / 1	1	Has to be 22 – discount

5.10.2 SG8 / DTM

DTM+12:20130715:102'

DTM segment in SG8 payment group is completely same as general DTM segment (above), the only difference is, that element **c507/e2005** needs to obtain value **12** – Terms discount due date.

5.10.3 SG8 / PCD

PCD+12:5.8'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c501/e5245	Percentage qualifier	M / 1	12	Has to be 12 – discount

c501/e5482	Percentage	M / 1	5.8	Percentage
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5.10.4 SG8 / MOA

MOA+52:0.84'

Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c516/e5025	Monetary amount type qualifier	M / 1	52	Has to be 52 – discount amount
c516/e5004	Monetary amount	M / 1	0.84	Amount of discount itself

5.11 SG15 – Allowances or Charges (ALC)

You can provide a discount on invoice level. To handle the discount correctly, the following requirements need to be matched:

- Always provide a discount rate (PCD) and a discount amount (MOA).
- Please provide a discount for each TAX rate
- The final amounts in the invoice “footer” need to respect this discount. This means, that the final amounts in MOA+77, MOA+124 and MOA+125 should already be deducted by the discount amount!

5.11.1 SG15 / ALC

ALC+A+++1'

AElement	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e5463	Allowance or Charge qualifier	M / 1	A	A = Allowance (e.g. “Discount”) C = Charge (e.g. “Transport Cost”)

5.11.2 SG15 / SG18 / PCD

PCD+1:2.5'

Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c501/e5245	Percentage qualifier	M / 1	1	1 – allowance 2 – charge 3 – allowance or charge
c501/e5482	Percentage	M / 1	2.5	Percentage

5.11.3 SG15 / SG19 / MOA

MOA+8:2.50'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c516/e5025	Monetary amount type qualifier	M / 1	8	Has to be 8 – Allowance or charge amount
c516/e5004	Monetary amount	M / 1	2.50	Amount

5.11.4 SG15 / SG21 / TAX

TAX+7+VAT+++:::19'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e5283	Tax function qualifier	M / 1	7	Has to be 7 - tax
c241/e5153	Tax type code	M / 1	VAT	Has to be VAT – value added tax
c243/e5278	Tax rate	M / 1	19	Tax rate as percentage

5.12 SG25 / LIN

We expect position number to be supplied for every line item, as we print it on PDF for buyer. **Sequence should start with 1 and should be consecutive.** We will reject file with incorrect LIN sequence.

Valid sequence:

1, 2, 3, 4, 5, 6 ...

Invalid sequences:

1, 1, 1, 2, 3, 4 ...

2, 3, 4, 5, 6, 7 ...

1, 2, 3, 5, 6, 7 ...

LIN+1'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e1082	Line item number	M / 1	1	Used for provide an order of line items (position number).

5.13 SG25 / PIA

PIA+1+123456:SA'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e4347	Product identification function qualifier	M / 1	1	Has to be 1 – additional identification
c212/e7140	Line item number	M / 1	123456	Article number
c212/e7143	Line item number type	M / 1	SA	Has to be SA – supplier's article number

5.14 SG25 / IMD

We do not expect any "fictive" line items to be sent by your side, see example 6.4.

IMD+A+:::Sprite 1l'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e7077	Item description type	M / 1	A	Has to be A – Free-form long description
c273/e7008	Item description	M / 1 - 2	Sprite 1l	35 chars per element

5.15 SG25 / QTY

Please be aware, that we support only **47** as a quantity qualifier. Any other value (i.e. **192 – Free goods quantity**) won't be recognized as valid.

QTY+47:2:PCE'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c186/e6063	Quantity qualifier	M / 1	47	Has to be 47 – invoiced quantity
c186/e6060	Quantity	M / 1	2	Quantity
c186/e6411	Measure unit	M / 1	PCE	Units

5.16 SG25 / SG26 / MOA

MOA+203:92.00'				
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Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c516/e5025	Monetary amount type qualifier	M / 1	203	Has to be 203 – Line item amount (unit price * quantity)
c516/e5004	Monetary amount	M / 1	92.00	Amount

5.17 SG25 / SG28 / PRI

PRI, as a unit price, should be always non-negative. If you express negative PRI value in your interchange, we will negate it along with QTY.

PRI+AAA:46.00				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c509/e5125	Price qualifier	M / 1	AAA	Has to be AAA – calculation net
c509/e5118	Price	M / 1	46.00	Unit price

5.18 SG25 / SG29 / RFF

You can express delivery note number (and date in segment below) per each line item. When you do so, line items will be grouped by deliveries on buyer's invoice PDF, which we generate.

When you decide to specify delivery notes, you have to specify them for every line item in the invoice. It's not possible to specify delivery notes for only some line items within invoice. Of course, you can send one invoice with delivery notes specified and one without.

When you are using this segment, LIN segment is still telling us the order of line items on the invoice. Normally, line items are ordered by LIN on the PDF. But with delivery notes grouping, we need to obtain line items in a way as example 6.5 shows.

RFF+DQ:889900'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c506/e1153	Reference qualifier	M / 1	DQ	Has to be DQ – Delivery note number
c506/e1154	Reference number	M / 1	889900	number itself

5.19 SG25 / SG29 / DTM

DTM+35:20130501:102'

DTM segment in SG29 group is completely same as general DTM segment (above), the only difference is, that element **c507/e2005** needs to obtain value **35** – delivery date.

This segment is **mandatory** for RFF = DQ, in other words – delivery date is mandatory when delivery note number is specified in **SG25/SG29/RFF**.

5.20 SG25 / SG33 / TAX

TAX+7+VAT+++:::19'

Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e5283	Tax function qualifier	M / 1	7	Has to be 7 - tax
c241/e5153	Tax type code	M / 1	VAT	Has to be VAT – value added tax
c243/e5278	Tax rate	M / 1	19	Tax rate as percentage

5.21 SG25 / SG38 / ALC

ALC+A+++1'

Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e5463	Allowance or Charge qualifier	M / 1	A	A = Allowance (e.g. "Discount") C = Charge (e.g. "Transport Cost")

5.22 SG25 / SG38 / SG40 / PCD

PCD+1:5.00'

Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c501/e5245	Percentage qualifier	M / 1	1	1 – allowance 2 – charge 3 – allowance or charge
c501/e5482	Percentage	M / 1	5.00	Percentage

5.23 SG25 / SG38 / SG41 / MOA

MOA+8:2.50'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c516/e5025	Monetary amount type qualifier	M / 1	8	Has to be 8 – Allowance or charge amount
c516/e5004	Monetary amount	M / 1	2.50	Amount

5.24 UNS

UNS+S'
This control segment has to appear at the end of line items section and before summary section SG48 / MOA.

5.25 SG48 / MOA

This segment is expected three times, once for every amounty type (77, 125, 124).

MOA+77:216.48'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c516/e5025	Monetary amount type qualifier	M / 1	77	Has to be 77 – invoice amount 125 – taxable amount 124 – tax amount
c516/e5004	Monetary amount	M / 1	216.48	Monetary amount

5.26 UNT

UNT+34+111222'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
e0074	Number of segments in message	M / 1	34	This number specifies, how many segments are in the message and it has to correspond to that count. One for every segment in message, one for UNH and one for UNT
e0062	Message reference number	M / 1	111222	Unique string assigned by the sender, this string has to be introduced in UNH segment above and be the same.

6 D.01B

D.01B release has some differences from D.96A, below we specify the differences. Please note that the actual EDI (INV) file looks exactly the same (see chapter Example), but we are talking about different group names in the language of EDIFACT.

6.1 BGM difference

BGM+380+12345678'				
Element	Name	Application Mandatory or Conditional / Repetitions	Example data	Description
c002/e1001	Document / message code	M / 1	380	Has to be: 380 – invoice 381 – credit note
c106/e1004	Document / message number	M / 1	12345678	Used for document number

6.2 SG differences

Due to new elements and groups in D.01B, some groups are **shifted**.

D.96A	D.01B
SG25 – line item group	SG26
SG25 / SG26 – line item MOA	SG26 / SG27
SG25 / SG28 – line item PRI	SG26 / SG29
SG25 / SG29 – line item RFF	SG26 / SG30
SG25 / SG33 – line item TAX	SG26 / SG34
SG48 – total MOA	SG50

7 Examples

7.1 Minimal valid example

This is a minimal valid example of interchange with one INVOIC message. Invoice contains two line items with different tax. Arithmetics, control references and control count are correct in this example.

Invoice should be paid on supplied bank account, if payment method is different, FII segment will be left out.

This example is D.96A message but it is valid for D.01B as well, only the message type **96A** would need to be replaced with **01B**.

```

UNA:+.? '
UNB+UNOC:3+George Adam, Coca Cola+billbox+130101:1600+333444+++++1'
UNH+111222+INVOIC:D:96A::'
BGM+380+12345678'
DTM+3:20130718:102'
DTM+35:20130718:102'
FTX+ZZZ+++This is some invoice note, which: is divided after 70 characters. More FTX?+ZZZ can: be used.'
NAD+SU+++Very long supplier name'
RFF+VA:DE12345678'
NAD+BY+++CBU name'
RFF+ZZZ:777777'
RFF+IT:999888'
CUX+2:EUR'
PAT+1'
DTM+140:20130718:102'
PAI:::42'
FII+SU+DE89370400440532013000'
LIN+1'
PIA+1+123456:SA'
IMD+A+:::Sprite 1I'
QTY+47:2:PCE'
MOA+203:92.00'
PRI+AAA:46.00'
TAX+7+VAT++++:19'
LIN+2'
PIA+1+111222:SA'
IMD+A+:::Coca Cola 2I'
QTY+47:2:PCE'
MOA+203:100.00'
PRI+AAA:50.00'
TAX+7+VAT++++:7'
UNS+S'
MOA+77:216.48'
MOA+125:192.00'
MOA+124:24.48'
UNT+34+111222'
UNZ+1+333444'

```

Legend:

333444	- e0020 – Interchange control reference
111222	- e0062 – Message reference number
96A	- e0054 - or 01B
34	- e0074 – Number of segments in message
1	- e0035 – Test indicator

7.2 More invoices per interchange

This example shows 3 different invoices transferred in 1 interchange. Message types has to be the same for all messages (D:96A in this example).

```
UNA:+.? '
UNB+UNOC:3+George Adam, Coca Cola+billbox+130101:1600+123456+++++1'
UNH+111111+INVOIC:D:96A::'
...
INVOIC SEGMENTS
...
UNT+X+111111'
UNH+222222+INVOIC:D:96A::'
...
INVOIC SEGMENTS
...
UNT+Y+222222'
UNH+333333+INVOIC:D:96A::'
...
INVOIC SEGMENTS
...
UNT+Z+333333'
UNZ+3+123456'
```

7.3 Special character escaping

It's very important to escape special characters in fields like names, descriptions or units properly. In this case "UNA:+.? " is used, escaping character is "?". If you don't escape special characters, your files will probably get invalid.

Do not escape decimal places separator (typically ".").

```
UNA:+.? '
...
LIN+1'
PIA+1+12345:SA'
IMD+A++:::Whiskey O?'Reilly'
...
LIN+2'
PIA+1+78999:SA'
IMD+A++:::DVD Batman?: The Dark Knight Returns. And maybe forever.'
```

7.4 Invalid line items

All 3 line items are not correct from our point of view and we don't expect them to come. We can't automatically detect them and deny them, but if you supply those line items in EDI, our clients can see weird or messy line items in the application.

```
UNA:+.? '
...
LIN+1'
PIA+1+000000:SA'
IMD+A++:::-----'
...
LIN+2'
PIA+1+000001:SA'
IMD+A++:::Already sent on 13.5.2005'
...
LIN+3'
PIA+1+000002:SA'
IMD+A++:::Not on stock'
```

7.5 Line items LIN & delivery notes

When delivery notes are specified, please make line items from same delivery consecutive. In this way, we are capable to generate line items on PDF grouped by deliveries AND ordered by LIN at the same time. Furthermore, it is also possible to state various delivery notes (numbers & dates) within a message (for example for collective invoices).

```

UNA:+.? '
...
LIN+1'
RFF+DQ:111111'
DTM+35:20150101:102'
...
LIN+2'
RFF+DQ:111111'
DTM+35:20150101:102'
...
LIN+3'
RFF+DQ:111111'
DTM+35:20150101:102'
...
LIN+4'
RFF+DQ:111111'
DTM+35:20150202:102'
...
LIN+5'
RFF+DQ:222222'
DTM+35:20150202:102'
...
LIN+6'
RFF+DQ:333333'
DTM+35:20150303:102'
...
LIN+7'
RFF+DQ:333333'
DTM+35:20150303:102'

```

7.6 Providing the cash discount (for early/prompt payment)

You can provide a cash discount for the invoice. If you want to express discount, provide us a second SG8 group, just under the first payment info SG8 group. Don't forget, **we support only one cash discount per invoice**.

```

UNA:+.? '
...
...
...
PAT+1'
DTM+140:20130718:102'
PAI:::42'
FII+SU+DE89370400440532013000'
PAT+22'
DTM+12:20130715:102
PCD+12:3.0'
MOA+52:10.54'
...
...
...

```

7.7 Providing the invoice discount

You can provide a discount on invoice level. Please add the tax rate(s) accordingly.

```
UNA:+.?'  
...  
ALC+A+++1'  
PCD+:10.00'  
MOA+8:5.65'  
TAX+7+VAT++++:19'  
ALC+A+++1'  
PCD+:10.00'  
MOA+8:10.89'  
TAX+7+VAT++++:7'  
...
```

7.8 Providing the line item discount

You can provide a discount on line item level. Please note, that MOA+203 needs to reflect the **discounted** line item sum (**including allowances and charges**):

```
UNA:+.?'  
...  
LIN+1'  
PIA+1+123456:SA'  
IMD+A+:::Sprite 1l'  
QTY+47:2:PCE'  
MOA+203:95.00'  
PRI+AAA:50.00'  
TAX+7+VAT++++:19'  
ALC+A+++1'  
PCD+1:5.00'  
MOA+8:5'  
...
```