

Example: Credit returned unsold items.

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1. Example description

This example shows how to credit returned unsold items when the following conditions apply:

In November the buyer orders 100 pallets of Christmas Cola @ 1000 kr. The supplier sends an invoice.

In December the buyer orders an additional 100 pallets of Christmas Cola @ 1000 kr. The supplier sends an invoice.

In January the buyer has three pallets remaining that have not been sold. He returns these. The supplier sends a credit note for the returned pallets. Since the unsold cola is from two different orders, the supplier gives an invoicing period in the credit note to cover both the first and second invoices.

2. Information to exchange.

This part of the example shows the information to be exchanged according to GS1 Sweden's business document specifications for invoice, i.e:

- ADS 6.1.6 (ESAP 6)
- ADS 20.1.6 (ESAP 20)
- ADS 9.2.1 (ESAP 9.2)
- ADS 9.1.1 (ESAP 9.1)
- ADS 26.1.1 (Transport flow)

The tables below show the information in:

- The November invoice
- The December invoice
- The credit note

Only terms and values that are relevant for the example are shown in the tables.

Invoice, November

Entity id	Entity name	Example	Comments
INVOICE HEADER			
T0060	Invoice number	73000152015571252	The identity of the invoice as a GDTI.
T0061	Invoice type	380	380=Invoice.
T0062	Invoice date	20101101	
INVOICE LINE 1			
T0051	Line number	1	Invoice line number 1
T0071	Extended price	100000	100 pcs. at 1000 kr = 100000 kr.
T0154	Trade item identification, GTIN	07345678901239	The identity of the item (a pallet of Christmas Cola) as a GTIN.
T0069	Invoiced quantity	100	Number of delivered items = 100 pcs.
T0029	Contract price	1000	The price per piece is 1000 kr.
INVOICE SUMMARY			
T0072	Amount due	112000	T0074 + T0075

T0073	Line item total	100000	The sum of all extended prices (T0071)
T0074	Total taxable amount	100000	The sum of all T0180 = 100000
T0075	Total taxes	12000	12% of 100000 = 12000
TAX SUMMARY			
T0194	Tax type	VAT	The tax type is value added tax (VAT).
T0195	Tax rate	12	The tax rate is 12%.
T0197	Tax category	M	The tax category is food (M).
T2022	Total tax amount	12000	12% of 100000 = 12000
T0180	Taxable amount	100000	

Invoice, december

Since the buyer placed a similar order in December to that in November, the invoice number and invoice date are the only differences between the invoices.

Entity id	Entity name	Example	Comments
INVOICE HEADER			
T0060	Invoice number	73000152015578888	
T0061	Invoice type	380	
T0062	Invoice date	20101220	
INVOICE LINE 1			
T0051	Line number	1	
T0071	Extended price	100000	
T0154	Trade item identification, GTIN	07345678901239	
T0069	Invoiced quantity	100	
T0029	Contract price	1000	
INVOICE SUMMARY			
T0072	Amount due	112000	
T0073	Line item total	100000	
T0074	Total taxable amount	100000	
T0075	Total taxes	12000	
TAX SUMMARY			
T0194	Tax type	VAT	
T0195	Tax rate	12	
T0197	Tax category	M	
T2022	Total tax amount	12000	
T0180	Taxable amount	100000	

Credit note

Three pallets are returned and credited. Since the pallets relate to different invoices, the invoicing period (T2001 and T2002) is used instead of a reference to an invoice.

Entity id	Entity name	Example	Comments
INVOICE HEADER			
T0060	Invoice number	73000152015579999	The identity of the credit note as a GDTI.
T0061	Invoice type	381	381=Credit note.
T0062	Invoice date	20110131	
T2001	Invoice period start date	20101101	The invoice date of the November invoice.
T2002	Invoice period end date	20101220	The invoice date of the December invoice.
T0287	Reason for crediting	140	140 = Returns
T3415	Reference to returns advice	73500010001143456	The identity of the Returns advice that the buyer sent to the supplier when the Christmas Cola was returned.
INVOICE LINE 1			
T0051	Line number	1	Invoice line number 1
T0071	Extended price	3000	Credited amount.
T0154	Trade item identification, GTIN	07345678901239	The identity of the credited item (a pallet of Christmas Cola) as a GTIN.
T0069	Invoiced quantity	3	Number of returned pallets = 3 pcs.
T0029	Contract price	1000	
INVOICE SUMMARY			
T0072	Amount due	3360	The credited amount. T0074 + T0075
T0073	Line item total	3000	The credited amount exclusive of VAT. The sum of all extended prices (T0071).
T0074	Total taxable amount	3000	The sum of all T0180 = 3000.
T0075	Total taxes	360	12% of 3000= 360.
TAX SUMMARY			

T0194	Tax type	VAT	The tax type is value added tax (VAT).
T0195	Tax rate	12	The tax rate is 12%.
T0197	Tax category	M	The tax category is food (M).
T2022	Total tax amount	360	12% of 3000 = 360
T0180	Taxable amount	3000	

3. EDIFACT

This part of the example shows how the information is represented in EDIFACT syntax according to EANCOM.

Only those parts that are relevant to the example are shown.

Invoice, November

BGM	Invoice type	M			
C002	Document/message name	C	R		
1001	Document/message name, coded	C an..3	R	380 Commercial invoice	T0061 Invoice type
				381 Credit note - goods and services	
1004	Document/message number	C an..17	R		T0060 Invoice number
1225	Message function, coded	C an..3	R	9 Original	

EDIFACT-string: *BGM+380+73000152015571252+9'*

DTM	Invoice date	M			
C507	Date/time/period	M			
2005	Date/time/period qualifier	M an..3		137 Document/message date/time	
2380	Date/time/period	C an..35			T0062 Invoice date
2379	Date/time/period format qualifier	C an..3		102 CCYYMMDD	

EDIFACT-string: *DTM+137:20101101:102'*

Invoice line 1

SG25	Invoice line	M			
LIN	Line item number	C n..6	R		T0051 Line number
1082	Action request/notification, coded	C an..3	N		
C212	Item number identification	C			
7140	Item number	C an..35	R		T0154 Trade item identification, GTIN Global trade item number (GTIN)
7143	Item number type, coded	C an..3	R	EU	
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	R	9 EAN (International Article Numbering association)	

EDIFACT-string: *LIN+1++ 07345678901239:EU::9'*

SG25	Invoiced quantity	C			
QTY	Quantity details	C	R		
C186	Quantity details	M			
6063	Quantity qualifier	M an..3		47 Invoiced quantity	
6060	Quantity	M n..15			T0069 Invoiced quantity
6411	Measure unit qualifier	C an..3			T0055 Unit of measurement for quantity

EDIFACT-string: *QTY+47:100'*

SG26	Extended price	M			
MOA	Monetary amount	M			
C516	Monetary amount	M			
5025	Monetary amount type qualifier	M an..3		203 Line item amount	
5004	Monetary amount	C n..18	R		T0071 Extended price

EDIFACT-string: *MOA+203:100000'*

SG28	Contract price	M			
PRI	Price information	C	R		
C509	Price information	C	R		
5125	Price qualifier	M an..3		AAA Calculation net	
5118	Price	C n..15	R		T0029 Contract price
5375	Price type, coded	C an..3	R	CT Contract	
5387	Price type qualifier	C an..3	N		
5284	Unit price basis	C n..9			T0030 Unit price basis
6411	Measure unit qualifier	C an..3			T0031 Unit of measurement for price

EDIFACT-string: *PRI+AAA:1000:CT'*

Invoice summary

SG48			M		
MOA	Amount due		M		
C516	Monetary amount		M		
5025	Monetary amount type qualifier	M an..3		9	Amount due/amount payable
5004	Monetary amount	C n..18 R			T0072 Amount due

EDIFACT-string: *MOA+9:112000'*

SG48			M R		
MOA	Sum of all line items		M		
C516	Monetary amount		M		
5025	Monetary amount type qualifier	M an..3		79	Total line items amount
5004	Monetary amount	C n..18 R			T0073 Line item total

EDIFACT-string: *MOA+79:100000'*

SG48			M	D	
MOA	Total taxable amount		M		
C516	Monetary amount		M		
5025	Monetary amount type qualifier	M an..3		125	Taxable amount
5004	Monetary amount	C n..18 R			T0074 Total taxable amount

EDIFACT-string: *MOA+125:100000'*

SG48			M	D	
MOA	Total taxes		M		
C516	Monetary amount		M		
5025	Monetary amount type qualifier	M an..3		176	Message total duty/tax/fee amount
5004	Monetary amount	C n..18 R			T0075 Total taxes

EDIFACT-string: *MOA+176:12000'*

Tax summary

SG50			C	R	
TAX	Tax summary		M		
5283	Duty/tax/fee function qualifier	M an..3		7	Tax
C241	Duty/tax/fee type	C	R		
5153	Duty/tax/fee type, coded	C an..3 R			T0194 Tax type
C533	Duty/tax/fee account detail	C	N		
5289	Duty/tax/fee account identification	M an..6			
5286	Duty/tax/fee assessment basis	C an..15 N			
C243	Skattesats	C			
5279	Duty/tax/fee rate identification	C an..7 N			
1131	Code list qualifier	C an..3 N			
3055	Code list responsible agency, coded	C an..3 N			
5278	Duty/tax/fee rate	C an..17 R			T0195 Tax rate
5305	Duty/tax/fee category, coded	C an..3 R			T0197 Tax category

EDIFACT-string: *TAX+7+VAT+++:::12+M'*

SG50			C	R	
MOA	Total taxable amount		C		
C516	Monetary amount		M		
5025	Monetary amount type qualifier	M an..3		125	Taxable amount
5004	Monetary amount	C n..18 R			T0180 Taxable amount

EDIFACT-string: *MOA+125:100000'*

SG50			C	R	
MOA	Tax amount		C		
C516	Monetary amount		M		
5025	Monetary amount type qualifier	M an..3		124	Tax amount
5004	Monetary amount	C n..18 R			T2022 Total tax amount

EDIFACT-string: *MOA+124:12000'*

Credit note

BGM	Invoice type	M			
C002	Document/message name	C	R		
1001	Document/message name, coded	C an..3	R	380 Commercial invoice	T0061 Invoice type
				381 Credit note - goods and services	
1004	Document/message number	C an..17	R		T0060 Invoice number
1225	Message function, coded	C an..3	R	9 Original	

EDIFACT-string: *BGM+381+ 73000152015579999+9'*

DTM	Invoice date	M			
C507	Date/time/period	M			
2005	Date/time/period qualifier	M an..3		137 Document/message date/time	
2380	Date/time/period	C an..35			T0062 Invoice date
2379	Date/time/period format qualifier	C an..3		102 CCYYMMDD	

EDIFACT-string: *DTM+137:20110131:102'*

DTM	Invoice period start date	M	D		
C507	Date/time/period	M			
2005	Date/time/period qualifier	M an..3		167 Charge period start date	
2380	Date/time/period	C an..35			T2001 Invoice period start date
2379	Date/time/period format qualifier	C an..3		102 CCYYMMDD	

EDIFACT-string: *DTM+167:20101101:102'*

DTM	Invoice period end date	M	D		
C507	Date/time/period	M			
2005	Date/time/period qualifier	M an..3		168 Charge period end date	
2380	Date/time/period	C an..35			T2002 Invoice period end date
2379	Date/time/period format qualifier	C an..3		102 CCYYMMDD	

EDIFACT-string: *DTM+168:20101220:102'*

ALI	Reason for crediting	C			
3239	Country of origin, coded	C an..3	N		
9213	Type of duty regime, coded	C an..3	N		
4183	Special conditions, coded	C an..3	R		T0287 Reason for crediting

EDIFACT-string: *ALI+++140'*

SG1	Reference to returns advice	C			
RFF	Reference	M			
C506	Reference	M			
1153	Reference qualifier	M an..3		Z03 Returns advice number	
1154	Reference number	C an..30	R		T3415 Reference to returns advice

EDIFACT-string: *RFF+Z03:73500010001143456'*

Invoice line 1

SG25	Invoice line	M			
LIN	Line item number	C n..6	R		T0051 Line number
1082	Line item number	C n..6	R		
1229	Action request/notification, coded	C an..3	N		
C212	Item number identification	C			
7140	Item number	C an..35	R		T0154 Trade item identification, GTIN Global trade item number (GTIN)
7143	Item number type, coded	C an..3	R	EU	
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	R	9 EAN (International Article Numbering association)	

EDIFACT-string: *LIN+1++ 07345678901239:EU::9'*

SG25	Invoiced quantity	C	R		
QTY	Quantity details	C			
C186	Quantity details	M			
6063	Quantity qualifier	M an..3		47 Invoiced quantity	
6060	Quantity	M n..15			T0069 Invoiced quantity
6411	Measure unit qualifier	C an..3			T0055 Unit of measurement for quantity

EDIFACT-string: *QTY+47:3*

SG26			C	R		
MOA	Extended price		M			
C516	Monetary amount		M			
5025	Monetary amount type qualifier	M an..3			203	Line item amount
5004	Monetary amount	C n..18 R				T0071 Extended price

EDIFACT-string: *MOA+203:3000'*

SG28			C			
PRI	Contract price		M			
C509	Price information		C	R		
5125	Price qualifier	M an..3			AAA	Calculation net
5118	Price	C n..15 R				T0029 Contract price
5375	Price type, coded	C an..3 R			CT	Contract
5387	Price type qualifier	C an..3 N				
5284	Unit price basis	C n..9				T0030 Unit price basis
6411	Measure unit qualifier	C an..3				T0031 Unit of measurement for price

EDIFACT-string: *PRI+AAA:1000:CT'*

Invoice summary

SG48			M			
MOA	Amount due		M			
C516	Monetary amount		M			
5025	Monetary amount type qualifier	M an..3			9	Amount due/amount payable
5004	Monetary amount	C n..18 R				T0072 Amount due

EDIFACT-string: *MOA+9:3360*

SG48			M	R		
MOA	Sum of all line items		M			
C516	Monetary amount		M			
5025	Monetary amount type qualifier	M an..3			79	Total line items amount
5004	Monetary amount	C n..18 R				T0073 Line item total

EDIFACT-string: *MOA+79:3000'*

SG48			M	D		
MOA	Total taxable amount		M			
C516	Monetary amount		M			
5025	Monetary amount type qualifier	M an..3			125	Taxable amount
5004	Monetary amount	C n..18 R				T0074 Total taxable amount

EDIFACT-string: *MOA+125:3000'*

SG48			M	D		
MOA	Total taxes		M			
C516	Monetary amount		M			
5025	Monetary amount type qualifier	M an..3			176	Message total duty/tax/fee amount
5004	Monetary amount	C n..18 R				T0075 Total taxes

EDIFACT-string: *MOA+176:360'*

Tax summary

SG50			C	R		
TAX	Tax summary		M			
5283	Duty/tax/fee function qualifier	M an..3			7	Tax
C241	Duty/tax/fee type	C	R			
5153	Duty/tax/fee type, coded	C an..3 R				T0194 Tax type
C533	Duty/tax/fee account detail	C	N			
5289	Duty/tax/fee account identification	M an..6				
5286	Duty/tax/fee assessment basis	C an..15 N				
C243	Skattesats	C				
5279	Duty/tax/fee rate identification	C an..7 N				
1131	Code list qualifier	C an..3 N				
3055	Code list responsible agency, coded	C an..3 N				
5278	Duty/tax/fee rate	C an..17 R				T0195 Tax rate
5305	Duty/tax/fee category, coded	C an..3 R				T0197 Tax category

EDIFACT-string: *TAX+7+VAT+++:::12+M'*

SG50		C	R	
MOA	Total taxable amount	C	R	
C516	Monetary amount	M		
5025	Monetary amount type qualifier	M an..3	125	Taxable amount
5004	Monetary amount	C n..18	R	T0180 Taxable amount

EDIFACT-string: *MOA+125:3000'*

SG50		C	R	
MOA	Tax amount	C		
C516	Monetary amount	M		
5025	Monetary amount type qualifier	M an..3	124	Tax amount
5004	Monetary amount	C n..18	R	T2022 Total tax amount

EDIFACT-string: *MOA+124:360'*

4. Summary EDIFACT

A summary of the EDIFACT strings are shown below.

Invoice, November

UNB.....

UNH.....

....

....

BGM+380+73000152015571252+9'

DTM+137:20101101:102'

...

LIN+1++ 07345678901239:EU::9'

QTY+47:100'

MOA+203:100000'

PRI+AAA:1000:CT'

...

...

...

MOA+9:112000'

MOA+79:100000'

MOA+125:100000'

MOA+176:12000'

...

...

TAX+7+VAT+++:::12+M'

MOA+125:100000'

MOA+124:12000'

...

...

UNT

UNZ

Credit note

UNB.....

UNH.....

....

....

BGM+381+ 73000152015579999+9'

DTM+137:20110131:102'

DTM+167:20101101:102'

DTM+168:20101220:102'

ALI+++140'

RFF+Z03:73500010001143456'

...

LIN+1++ 07345678901239:EU::9'

QTY+47:3

MOA+203:3000'

PRI+AAA:1000:CT'

...

...

...

MOA+9:3360

MOA+79:3000'

MOA+125:3000'

MOA+176:360'

...

...

TAX+7+VAT+++:::12+M'

MOA+125:3000'

MOA+124:360'

...

...

UNT

UNZ