

Specification

Lemvigh Müller Sales Invoice

1 Document information

1.1 Purpose of document

This document describes how sales invoices from Lemvigh-Müller A/S is generated, It is based on the Danish EDIFACT Guideline EANCOM/HANCOM version 97 to create a common basis electronic exchange of data (EDI) between Lemvigh-Müller A/S and customers.

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1.2 Document history

Version no.	Date	Description	Initials
1.0	2017.05.18	Created	BRHO
1.1	2017.06.27	Batch/lot number added in RFF+BT PAT segment updated	BRHO

2 Segment diagram

Segment name/group, **M**andatory/**C**onditional, and max. occurrences

UNA	C 1			3.1 Service string advice
UNB	M 1			3.2 Interchange header (envelope)
<u>Group</u>	M *			
...	UNH	M 1		3.3 Message header
...	BGM	M 1		3.4 Beginning of message
...	DTM	M 2		3.5 Date/time/period
...	FTX	C 1		3.6 Free text
...	RFF	C 3		3.7 Reference
...	<u>Group</u>	C 4		
...	NAD	M 1		3.8 Name and address
...	FII	C 5		3.9 Financial institution information
...	RFF	C 2		3.10 Reference
...	CTA	C 1		3.11 Contact information
...	COM	C 5		3.12 Communication
...	TAX	C 1		3.13 Duty/tax/fee details
...	CUX	C 1		3.14 Currency
...	<u>Group</u>	C 10		
...	PAT	C 1		3.15 Payment terms
...	DTM	C 5		3.16 Date/time/period
...	PCD	C 1		3.17 Percentage details
...	<u>Group</u>	C 9999		
...	ALC	M 1		3.18 Allowance or charge
...	<u>Group</u>	C 1		
...	...	PCD	C 1	3.19 Percentage details
...	<u>Group</u>	C 2		
...	...	MOA	C 2	3.20 Monetary amount
...	<u>Group</u>	C 5		
...	...	TAX	M 1	3.21 Duty/tax/fee details
...	...	MOA	C 1	3.22 Monetary amount
...	<u>Group</u>	C 9999999		
...	LIN	M 1		3.23 Line item
...	PIA	C 3		3.24 Additional product id
...	IMD	C 1		3.25 Item description
...	QTY	C 2		3.26 Quantity

...	FTX	C 1		3.27 Free text
...	MOA	C 1		3.28 Monetary amount
...	PRI	C 2		3.29 Price details
...	RFF	C 3		3.30 References
...	<u>Group</u>	C 9999		
...	ALC	M 1		3.31 Allowance or charge
...	<u>Group</u>	C 1		
...	...	PCD	C 1	3.32 Percentage details
...	<u>Group</u>	C 2		
...	...	MOA	C 2	3.33 Monetary amount
...	<u>Group</u>	C 5		
...	...	TAX	M 1	3.34 Duty/tax/fee details
...	...	MOA	C 1	3.35 Monetary amount
...	UNS	M 1		3.36 Section control
...	CNT	C 1		3.37 Control total
...	MOA	M 4		3.38 Monetary amount
...	<u>Group</u>	C 1		
...	TAX	M 1		3.39 Duty/tax/fee details
...	MOA	C 1		3.40 Monetary amount
...	<u>Group</u>	C 4		
...	ALC	M 1		3.41 Allowance or charge
...	MOA	C 1		3.42 Monetary amount
...	UNT	M 1		3.43 Message trailer
UNZ	M 1			3.44 Interchange trailer

3 Lemvigh-Müller A/S Sales Invoice (Sales)

This section describes each segment used in the Sales Invoice message.

3.1 UNA - Service string advice

To define the characters selected for use as delimiters and indicators in the rest of the Interchange			
Number	Text		Description
	Component data element separator	M an..1	Constant = : (colon)
	Data element separator	M an..1	Constant = + (plus sign)
	Decimal notation	M an..1	Constant = , (comma) or . (period)
	Release indicator	M an..1	Constant = ? (question mark)
	Reserved	M an..1	Blank / Space
	Segment terminator	M an..1	Constant = ` (apostrophe)
<p>Example:</p> <p>UNA:+. ? `</p>			

3.2 UNB - Interchange header (envelope)

To identify and specify the sender and receiver of a message.			
Number	Text		Description
S001	Syntax identifier	M	
0001	Syntax identifier	M a..4	UNOC
0002	Syntax version number	M n..1	3
S002	Interchange sender	M	
0004	Sender identification	M an..35	Lemvigh-Müller A/S GLN 5790000428403 (PROD) or GLN 5790002195853 (Test)
0007	Partner identification code qualifier	C an..4	14 = EAN number
0008	Address for reverse routing	C an..14	Not used
S003	Interchange recipient	M	
0010	Recipient identification	M an..35	Recipient EAN13 location number
0007	Partner identification code qualifier	C an..4	14 = EAN number
0014	Routing address	C an..14	Not used
S004	Date/time of preparation	M	
0017	Date	M n..6	YYMMDD
0019	Time	M n..4	HHMM
0020	Interchange control reference	M an..14	Unique reference assigned by sender
S005	Recipient's reference password	C	
0022	Recipient's reference / password	M an..14	Not used
0025	Recipient's reference / password qualifier	C an..2	Not used
0026	Application reference	C an..14	Not used
0029	Processing priority code	C a..1	Not used
0031	Acknowledgement request	C n..1	Not used
0032	Communications agreement	C an..35	EANCOM
0035	Test indicator	C n..1	1 = test, blank = production.
<p>Example:</p> <p>UNB+UNOC:3+5790002195853:14+1234567890123:14+140218:0155+1209+++++EANCOM'</p>			

Note:
Lemvigh-Müller A/S do not use test indicators on in-/outgoing messages without prior agreement with other party.

3.3 UNH – Message Header

To head, identify and specify a message.			
Number	Text		Description
0062	MESSAGE REFERENCE NUMBER	M an..14	Sender's unique message reference. Sequence number of the message in the interchange.
S009	MESSAGE IDENTIFIER	M	
0065	Message type	M an..6	INVOIC = Invoice message
0052	Message version number	M an..3	D = Draft directory
0054	Message release number	M an..3	96A = Version 96 A
0051	Controlling agency	M an..2	UN=UN/ECE/TRADE/WP.4, Unite Nations Standard Messages (UNSM)
0057	Association assigned code	C an..6	EAN008
0068	COMMON ACCESS REFERENCE	C an..35	Not used
S010	STATUS OF THE TRANSFER	C	
0070	Sequence of transfers	M n..2	Not used
0073	First and last transfer		Not used
<p>Example:</p> <p>UNH+1071866+INVOIC:D:96A:UN:EAN008'</p>			

3.4 BGM - Beginning of message

To indicate the type and function of a message and to transmit the identifying number.			
Number	Text		Description
C002	DOCUMENT/MESSAGE NAME	C	
1001	Document/message name, coded	C an..3	380 = Invoice 381 = Creditmemo
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
1000	Document/message name	C an..35	Not used
1004	DOCUMENT/MESSAGE NUMBER	C an..35	Order number assigned by document sender.
1225	MESSAGE FUNCTION, CODED	C an..3	9 = Original
4343	RESPONSE TYPE, CODED	C an..3	Not used
Example: BGM+380+107356000+9'			

3.5 DTM - Date/time/period

To specify date, and/or time, or period.			
Number	Text		Description
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	137 = Document Date 35 = Dispatch Date
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102 = CCYYMMDD
Example: DTM+137:20170626:102' DTM+35:20170627:102'			

3.6 FTX - Free text

To provide free form or coded text information.			
Number	Text		Description
4451	TEXT SUBJECT QUALIFIER	M an..3	AAI = General information PAI = FI code
4453	TEXT FUNCTION, CODED	C an..3	Not used
C107	TEXT REFERENCE	C	
4441	Free text, coded	M an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C108	TEXT LITERAL	C	
4440	Free text	M an..70	AAI: Important orderheader information PAI: Payment Id
4440	Free text	C an..70	AAI: Important orderheader information PAI: Instruction ID
4440	Free text	C an..70	AAI: Important orderheader information PAI: Credit account
4440	Free text	C an..70	AAI: Important orderheader information PAI: Not used
4440	Free text	C an..70	AAI: Important orderheader information PAI: Not used
3453	LANGUAGE, CODED	C an..3	Not used
Example: FTX+AAI+++First line:Second line'			

3.7 RFF - Reference

To specify a reference			
Number	Text		Description
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	VN = Order number (Lemvigh-Müller's) ON = Order number (Buyer's) AAU = Despatch note number
1154	Reference number	C an..35	Reference number
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example: RFF+ON:155694 ' RFF+VN:408141170 ' RFF+AAU:609609718 '			

3.8 NAD - Name and address

To specify the name and address and their related functions.			
Number	Text		Description
3035	PARTY QUALIFIER	M an..3	BY = Buyer DP = Delivery party SU = Supplier IV = Invoicee
C082	PARTY IDENTIFICATION DETAILS	C	
3039	Party id. identification	M an..35	BY: Buyer EAN number DP: Delivery EAN number SU: Lemvigh-Müller EAN(GLN) number or as agreed IV: Invoicee EAN number
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9 = EAN number
C058	NAME AND ADDRESS	C	
3124	Name and address line	M an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
3124	Name and address line	C an..35	Not used
C080	PARTY NAME	C	
3036	Party name	M an..35	Company name – line 1
3036	Party name	C an..35	Company name – line 2
3036	Party name	C an..35	Not used
3036	Party name	C an..35	Not used
3036	Party name	C an..35	Not used
3045	Party name format, coded	C an..3	Not used
C059	STREET	C	
3042	Street and number/p.o. box	M an..35	Street and number
3042	Street and number/p.o. box	C an..35	Not used
3042	Street and number/p.o. box	C an..35	Not used
3042	Street and number/p.o. box	C an..35	Not used
3164	CITY NAME	C an..35	City name
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C an..9	Not used
3251	POSTCODE IDENTIFICATION	C an..9	Zipcode
3207	COUNTRY, CODED	C an..3	Country code
Example: NAD+BY+1234567890123::9'			
NAD+SU+5790002195853::9'			

3.9 FII – Financial institution information

To identify an account and a related financial institution.			
Number	Text		Description
3035	PARTY QUALIFIER	M	SU = Supplier
C078	ACCOUNT IDENTIFICATION	C	
3194	Account holder number	C an..35	Account number / IBAN
3192	Account holder name	C an..35	Not used
3192	Account holder name	C an..35	Not used
6345	Currency, coded	C an..3	Not used
C088	INSTITUTION IDENTIFICATION	C	
3433	Institution name identification	C an..11	Institution identification
1131	Code list qualifier	C an..3	25 = Bank identification
3055	Code list responsible agency, coded	C an..3	5 = ISO
3434	Institution branch number	C an..17	Not used
1131	Code list qualifier	C an..3	25 = Bank identification
3055	Code list responsible agency, coded	C an..3	130 = Danish payment 17 = International payment
3432	Institution name	C an..70	Institution name
3436	Institution branch place	C an..70	City of institution
3207	COUNTRY, CODED	C an..3	Country code
Example:			
FII+SU+21003485836283+2100:25:5::25:130:NORDEA BANK:0900 Kobenhagen+DK'			
FII+SU+DK6220003485836283+NDEADKKK:25:5::25:17:NORDEA BANK:0900 Kobenhagen+DK'			

3.10 RFF – Reference

To specify a reference			
Number	Text		Description
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	AP = Accounts receivable number (Buyer's account no. at Lemvigh Müller) VA = CVR (Lemvigh-Müller's)
1154	Reference number	C an..35	Reference number
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example:			
RFF+VA:DK56973311'			

3.11 CTA - Contact information

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

Number	Text		Description
3139	CONTACT FUNCTION, CODED	C an..3	PD = Purchasing contact (Buyer) OC = Order contact (Lemvigh-Müller)
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	
3413	Department or employee identification	C an..17	Not used
3412	Department or employee	C an..35	Contact name

Example:
CTA+PD+:Jens Hansen'

3.12 COM - Communication contact

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

Number	Text		Description
C076	COMMUNICATION CONTACT	C	
3148	Communication number	M an..512	Phone number or email address
3155	Communication channel qualifier	M an..3	TE - phone EM - email

Example:
COM+3695 5269:TE'
COM+edi@lemu.dk:EM'

3.13 TAX - Duty/Tax/Fee details

To specify relevant duty/tax/fee information.			
Number	Text		Description
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	
5153	Duty/tax/fee type, coded	C an..3	VAT = Value added tax
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9 = EAN (International Article Numbering association)
5152	Duty/tax/fee type	C an..35	Not used
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	
5289	Duty/tax/fee account identification	M an..6	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	Not used
C243	DUTY/TAX/FEE DETAIL	C	
5279	Duty/tax/fee rate identification	C an..7	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5278	Duty/tax/fee rate	C an..17	VAT = 25
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3	S = Standard
3446	PARTY TAX IDENTIFICATION NUMBER	C an..20	Not used
Example: TAX+7+VAT:::9+++:::25+S'			

3.14 CUX – Currencies

To specify currencies used in the transaction and relevant details for the rate of exchange.			
Number	Text		Description
C504	CURRENCY DETAILS	C	
6347	Currency details qualifier	M an..3	2 = Reference currency
6345	Currency, coded	C an..3	ISO 4217 Code
6343	Currency qualifier	C an..3	4 = Invoicing currency
6348	Currency rate base	C n..4	Not used
C504	CURRENCY DETAILS	C	
6347	Currency details qualifier	M an..3	Not used
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
6348	Currency rate base	C n..4	Not used
5402	RATE OF EXCHANGE	C n..12	Not used
6341	CURRENCY MARKET EXCHANGE, CODED	C an..3	Not used
Example: CUX+2:EUR:4 '			

3.15 PAT – Payment Terms Basis

To specify the payment terms basis.			
Number	Text		Description
4279	PAYMENT TERMS TYPE QUALIFIER	M an..3	1 = Basic 3 = Fixed Date 22 = Discount
C110	PAYMENT TERMS	C	
4277	Terms of payment identification	M an..17	6 = No drafts
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
4276	Terms of payment	C an..35	1: Description 22: Description
4276	Terms of payment	C an..35	1: Description 22: Description
C112	TERMS/TIME INFORMATION	C	
2475	Payment time reference, coded	M an..3	5 = Date of invoice 66 = Specified date
2009	Time relation, coded	C an..3	1 = Reference date
2151	Type of period, coded	C an..3	D = Days
2152	Number of periods	C n..3	Number of days
Example: PAT+3++66:1' (DTM trigger segment) PAT+1+6:::Inden 30.08.2017 netto+5:1:D:65' PAT+22+6::: Inden 10.08.2017 0,300 % kontantra:bat+5:1:D:45'			

3.16 DTM - Date/time/period

To specify date, and/or time, or period.			
Number	Text		Description
C507	DATE/TIME/PERIOD	M	
2005	Date/time/period qualifier	M an..3	13 = terms net due date
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102 = CCYYMMDD
Example: DTM+13:20170830:102'			

3.17 PCD – Percentage details

To specify percentage information.			
Number	Text		Description
C501	PERCENTAGE DETAILS	M	
5245	Percentage qualifier	M an..3	1 = Allowance
5482	Percentage	C an..10	Percent
5249	Percentage basis, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<p>Example:</p> <p>PCD+1:0.300'</p>			

3.18 ALC – Allowance or Charge

To identify allowance or charge details.			
Number	Text		Description
5463	ALLOWANCE OR CHARGE QUALIFIER	M an..3	A = Allowance C = Charge
C552	ALLOWANCE/CHARGE INFORMATION	C	
1230	Allowance or charge number	C an..35	Not used
5189	Charge/allowance description, coded	C an..3	Not used
4471	SETTLEMENT, CODED	C an..3	Not used
1227	CALCULATION SEQUENCE INDICATOR, CODED	C an..3	Not used
C214	SPECIAL SERVICES IDENTIFICATION	C	
7161	Special services, coded	C an..3	ADR = Other services TX = Tax (Further specified in TAX segment) FC = Freight charge HD = Handling ASS = Discount ADO = Efficient logistics RAA = Rebate QD = Quantity discount IN = Insurance charge ABL = Packaging surcharge
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7160	Special service	C an..35	Description
7160	Special service	C an..35	Not used
<p>Example:</p> <p>ALC+A++++ADO:::LMe rabat'</p>			

3.19 PCD – Percentage details

To specify percentage information.

Number	Text		Description
C501	PERCENTAGE DETAILS	M	
5245	Percentage qualifier	M an..3	1 = Allowance
5482	Percentage	C an..10	Percent
5249	Percentage basis, coded	C an..3	1 = Per unit
1131	Code list qualifier	C an..3	Not Used
3055	Code list responsible agency, coded	C an..3	Not used

Example:
PCD+1:0.300:1'

3.20 MOA - Monetary amount

To specify a monetary amount.

Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	204 = Allowance/Charge amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used

Example:
MOA+204:98.64'

3.21 TAX - Duty/Tax/Fee details

To specify relevant duty/tax/fee information.

Number	Text		Description
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	
5153	Duty/tax/fee type, coded	C an..3	EXC = Excise duty ENV = Environmental tax
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5152	Duty/tax/fee type	C an..35	Description
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	
5289	Duty/tax/fee account identification	M an..6	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	Not used
C243	DUTY/TAX/FEE DETAIL	C	
5279	Duty/tax/fee rate identification	C an..7	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5278	Duty/tax/fee rate	C an..17	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3	Not used
3446	PARTY TAX IDENTIFICATION NUMBER	C an..20	Not used

Example:
TAX+7+EXC::: Legeringstillæg'

3.22 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	124 = Tax amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+124:98.64'			

3.23 LIN - Line item

To identify a line item and configuration			
Number	Text		Description
1082	LINE ITEM NUMBER	C n..6	Line number (sequential number)
1229	ACTION REQUEST/NOTIFICATION, CODED	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	C	
7140	Item number	C an..35	EAN number if provided
7143	Item number type, coded	C an..3	EN = International Article Numbering Association (EAN)
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C829	SUB-LINE INFORMATION	C	
5495	Sub-line indicator, coded	C an..3	Not used
1082	Line item number	C n..6	Not used
1222	CONFIGURATION LEVEL	C n..2	Not used
7083	CONFIGURATION, CODED	C an..3	Not used
Example: LIN+1++8718291425038:EN'			

3.24 PIA - Additional product id

To specify additional or substitutrial item identification codes.			
Number	Text		Description
4347	PRODUCT ID. FUNCTION QUALIFIER	M an..3	1 - Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Productnumber
7143	Item number type, coded	C an..3	SA = Supplier's article number IN = Buyer's item number EN = International Article Numbering Association (EAN)
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	91 = Assigned by seller or seller's agent 92 = Assigned by buyer or buyer's agent 9 = EAN (International Article Numbering association)
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C212	ITEM NUMBER IDENTIFICATION	M	
7140	Item number	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
Example:			
PIA+1+10000542345:SA'			

3.25 IMD - Item description

To describe an item in either an industry or free format.			
Number	Text		Description
7077	ITEM DESCRIPTION TYPE, CODED	C an..3	F - Free-form
7081	ITEM CHARACTERISTIC, CODED	C an..3	Not used
C273	ITEM DESCRIPTION	C	
7009	Item description identification	C an..17	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7008	Item description	C an..35	Item description
7008	Item description	C an..35	Not used
3453	Language, coded	C an..3	Not used
7383	SURFACE/LAYER INDICATOR, CODED	C an..3	Not used
Example: IMD+F++:::IRIDIUM ² LED MEDIUM BGP352 GRN39-'			

3.26 QTY - Quantity

To specify a pertinent quantity			
Number	Text		Description
C186	QUANTITY DETAILS	M	
6063	Quantity qualifier	M an..3	21 = Ordered quantity 47 = Invoiced quantity 59 = Numbers of consumer units in the traded unit
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	M an..3	Common code from UN/CEFACT Recommendation 20
Example: QTY+47:4:PK' QTY+21:4:PK' QTY+59:200:PCE'			

3.27 FTX - Free text

To provide free form or coded text information.			
Number	Text		Description
4451	TEXT SUBJECT QUALIFIER	M an..3	AAI - General information
4453	TEXT FUNCTION, CODED	C an..3	Not used
C107	TEXT REFERENCE	C	
4441	Free text, coded	M an..3	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
C108	TEXT LITERAL	C	
4440	Free text	M an..70	Important orderline information
4440	Free text	C an..70	Important orderline information
4440	Free text	C an..70	Important orderline information
4440	Free text	C an..70	Important orderline information
4440	Free text	C an..70	Important orderline information
3453	LANGUAGE, CODED	C an..3	Not used
Example: FTX+AAI+++First line:Second line'			

3.28 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
5025	Monetary amount type qualifier	M an..3	203 = Line amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+203:8390'			

3.29 PRI – Price details

To specify price information.			
Number	Text		Description
C509	PRICE INFORMATION	C	
5125	Price qualifier	M an..3	AAA = Calculation net AAB = Calculation gross
5118	Price	C n..15	Amount
5387	Price type, coded	C an..3	Not used
5387	Price type qualifier	C an..3	Not used
5284	Unit price basis	C n..9	Quantity
6411	Measure unit qualifier	C an..3	Common code from UN/CEFACT Recommendation 20
Example: PRI+AAB:4195:::1:KGM'			

3.30 RFF - Reference

To specify a reference			
Number	Text		Description
C506	REFERENCE	M	
1153	Reference qualifier	M an..3	LI = Line reference (Buyer line number) CR = Customer reference (Buyer order number) AAU = Despatch note number BT = Batch number/lot number
1154	Reference number	C an..35	Reference number
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example: RFF+LI:120' RFF+CR:457812455'			

3.31 ALC – Allowance or Charge

To identify allowance or charge details.			
Number	Text		Description
5463	ALLOWANCE OR CHARGE QUALIFIER	M an..3	A = Allowance C = Charge
C552	ALLOWANCE/CHARGE INFORMATION	C	
1230	Allowance or charge number	C an..35	Not used
5189	Charge/allowance description, coded	C an..3	Not used
4471	SETTLEMENT, CODED	C an..3	Not used
1227	CALCULATION SEQUENCE INDICATOR, CODED	C an..3	Not used
C214	SPECIAL SERVICES IDENTIFICATION	C	
7161	Special services, coded	C an..3	ADR = Other services TX = Tax (Further specified in TAX segment) FC = Freight charge HD = Handling ASS = Discount ADO = Efficient logistics RAA = Rebate QD = Quantity discount IN = Insurance charge ABL = Packaging surcharge
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7160	Special service	C an..35	Description
7160	Special service	C an..35	Not used
Example: ALC+A++++ADO:::LMe rabat'			

3.32 PCD – Percentage details

To specify percentage information.

Number	Text		Description
C501	PERCENTAGE DETAILS	M	
5245	Percentage qualifier	M an..3	1 = Allowance
5482	Percentage	C an..10	Percent
5249	Percentage basis, coded	C an..3	1 = Per unit
1131	Code list qualifier	C an..3	Not Used
3055	Code list responsible agency, coded	C an..3	Not used

Example:
PCD+1:0.300:1'

3.33 MOA - Monetary amount

To specify a monetary amount.

Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	204 = Allowance/Charge amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used

Example:
MOA+204:98.64'

3.34 TAX - Duty/Tax/Fee details

To specify relevant duty/tax/fee information.			
Number	Text		Description
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	
5153	Duty/tax/fee type, coded	C an..3	EXC = Excise duty ENV = Environmental tax
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5152	Duty/tax/fee type	C an..35	Description
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	
5289	Duty/tax/fee account identification	M an..6	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	Not used
C243	DUTY/TAX/FEE DETAIL	C	
5279	Duty/tax/fee rate identification	C an..7	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5278	Duty/tax/fee rate	C an..17	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3	Not used
3446	PARTY TAX IDENTIFICATION NUMBER	C an..20	Not used

Example:

TAX+7+EXC::: Legeringstillæg'

3.35 MOA - Monetary amount

To specify a monetary amount.

Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	124 = Tax amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used

Example:

MOA+124:98.64'

3.36 UNS - Section control

To separate Header, Detail and Summary sections of a message			
Number	Text		Description
0081	SECTION IDENTIFICATION	M a1	S – separate
Example: UNS+S'			

3.37 CNT – Control total

To separate Header, Detail and Summary sections of a message			
Number	Text		Description
C270	CONTROL	M	
6069	Control qualifier	M an..3	2 = Number of line items in message
6066	Control value	M n..18	Control value
6411	Measure unit qualifier	C an..3	Not used
Example: CNT+2:2'			

3.38 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
5025	Monetary amount type qualifier	M an..3	79 = Total line items amount 86 = Message total monetary amount 125 = Taxable amount 176 = Message total tax amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
<p>Example:</p> <p>MOA+125:1307.87'</p> <p>MOA+176:326.97'</p> <p>MOA+86:1634.84'</p> <p>MOA+79:1307.87'</p>			

3.39 TAX - Duty/Tax/Fee details

To specify relevant duty/tax/fee information.			
Number	Text		Description
5283	DUTY/TAX/FEE FUNCTION QUALIFIER	M an..3	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	
5153	Duty/tax/fee type, coded	C an..3	VAT = Value added tax
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9 = EAN
5152	Duty/tax/fee type	C an..35	Not used
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	
5289	Duty/tax/fee account identification	M an..6	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5286	DUTY/TAX/FEE ASSESSMENT BASIS	C an..15	Not used
C243	DUTY/TAX/FEE DETAIL	C	
5279	Duty/tax/fee rate identification	C an..7	Not used
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5278	Duty/tax/fee rate	C an..17	VAT Rate (%)
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
5305	DUTY/TAX/FEE CATEGORY, CODED	C an..3	S = Standard
3446	PARTY TAX IDENTIFICATION NUMBER	C an..20	Not used
Example: TAX+7+VAT::9+++:::25+S'			

3.40 MOA - Monetary amount

To specify a monetary amount.			
Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	176 = Message total duty/tax/fee amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+176:326.97'			

3.41 ALC - Allowance or Charge

To identify allowance or charge details.			
Number	Text		Description
5463	ALLOWANCE OR CHARGE QUALIFIER	M an..3	C = Charge A = Allowance
C552	ALLOWANCE/CHARGE INFORMATION	C	
1230	Allowance or charge number	C an..35	Not used
5189	Charge/allowance description, coded	C an..3	Not used
4471	SETTLEMENT, CODED	C an..3	Not used
1227	CALCULATION SEQUENCE INDICATOR, CODED	C an..3	Not used
C214	SPECIAL SERVICES IDENTIFICATION	C	
7161	Special services, coded	C an..3	ADR = Other services TX = Tax (Further specified in TAX segment) FC = Freight charge HD = Handling ASS = Discount ADO = Efficient logistics RAA = Rebate QD = Quantity discount IN = Insurance charge ABL = Packaging surcharge
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
7160	Special service	C an..35	Description
7160	Special service	C an..35	Not used
Example: ALC+A++++ADO:::LMe rabat '			

3.42 MOA - Monetary amount

To specify a monetary amount.

Number	Text		Description
C516	MONETARY AMOUNT	M	
2025	Monetary amount type qualifier	M an..3	25 = Allowance/Charge amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	Not used
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used

Example:
MOA+25:250.00'

3.43 UNT - Message trailer

To end and check completeness of a message.

Number	Text		Description
0074	NUMBER OF SEGMENTS IN THE MESSAGE	M n..6	The total number of segments in the message is detailed here.
0062	MESSAGE REFERENCE NUMBER	M an..14	The message reference number detailed here should equal the one specified in the UNH segment.

Example:
UNT+73+1071866'

3.44 UNZ - Interchange trailer

Indicates the end of an interchange and checks the interchange reference and number of documents in the interchange.

Number	Text		Description
0036	Interchange control count	M n..6	The count of the number of messages.
0020	Interchange control reference	M an..14	Shall be identical to 0020 in UNB segment.

Example:
UNZ+1+1209'

4 Examples

This section gives an example of the Sales Invoice message.

4.1 Example

Resource items such as energy surcharges and LME discount are specified as allowance / charges (ALC segments).

```
UNA:+.? '
UNB+UNOC:3+5790002195853:14+1234567890123:14+140218:0155+112882++++EANCOM'
UNH+1071870+INVOIC:D:96A:UN:EAN008'
BGM+380+107356005+9'
DTM+137:20170626:102'
DTM+35:20170627:102'
RFF+ON:L10/JOS'
RFF+VN:408352531'
RFF+AAU:609616842'
NAD+BY+1234567890123::9'
RFF+AP:4711'
CTA+PD+:Jens Hansen'
NAD+SU+5790002195853::9'
FII+SU+21003485836283+2100:25:5::25:130:NORDEA BANK:0900 Kobenhagen+DK'
RFF+VA:DK56973311'
CTA+OC+:Ole Jensen'
COM+3695 5269:TE'
NAD+DP+++BIZbrains A/S+Havneparken 14B+Vejle++7100+DK'
TAX+7+VAT::9++++::25+S'
CUX+2:DKK:4'
PAT+3++66:1'
DTM+13:20170830:102'
PAT+1+6:::Inden 30.08.2017 netto+5:1:D:65'
PAT+22+6:::Inden 10.08.2017 0,300 % kontantra:bat+5:1:D:45'
PCD+1:0.300'
ALC+C++++TX:::Legeringstillæg'
MOA+204:12.56'
ALC+A++++ADO:::LMe rabat'
PCD+1:3.00:1'
MOA+204:98.64'
TAX+7+EXC::: Legeringstillæg'
MOA+124:12.56'
LIN+1++8430399019819:EN'
PIA+1+7825100447:SA'
IMD+F++:::SIKRING D02 35A SORT'
QTY+47:30:PCE'
QTY+21:30:PCE'
```

```
MOA+203:79.63'  
PRI+AAB:5.48:::1:PCE'  
ALC+C+++HD:::Legeringstillæg'  
MOA+204:98.64'  
LIN+2++5703302094610:EN'  
PIA+1+1017036338:SA'  
IMD+F++:::FUGA STIKK. 1,5 M. 2P M.J. HV'  
QTY+47:20:PCE'  
QTY+21:20:PCE'  
MOA+203:1228.24'  
PRI+AAB:90.1:::1:PCE'  
ALC+A+++ASS:::Varegruppe rabat'  
PCD+1:29:1'  
MOA+204:522.58'  
UNS+S'  
CNT+2:2'  
MOA+125:1307.87'  
MOA+176:326.97'  
MOA+86:1634.84'  
MOA+79:1307.87'  
TAX+7+VAT::9+++:::25+S'  
MOA+176:326.97'  
UNT+52+1071870'  
UNZ+1+112882'
```