

# Specification

Lemvigh Müller purchase order  
confirmation  
(DAVID)

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# 1 Document information

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## 1.1 Purpose of document

This document describes how purchase order confirmation from Lemvigh-Müller A/S is generated, based on the Danish VVS EDIFACT Guideline to create a common basis electronic exchange of data (EDI) between the members of "Foreningen DAVID". Version 5.0 of the VVS Guideline is an interpretation of EDIBUILD's DECIDE/S which is an interpretation of EANCOM/HANCOM version 97.

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## 1.2 Document history

Version no.	Date	Description	Initials
1.0	2006.03.09	Created	JHEC

## 2 LM ORDRSP (Purchase)

This section describes each segment used in the Purchase Order Confirmation message.

<b>UNA Service string advis</b>			
To define the characters selected for use as delimiters and indicators in the rest of the Interchange			
<b>Number</b>	<b>Text</b>		<b>Description</b>
	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)
Example: UNA: +.?'			

<b>UNB Interchange header (envelope)</b>			
To identify and specify the sender and receiver of a message.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>S001</b>	<b>Syntax identifier</b>	M	
0001	Syntax identifier	M a..4	UNOC
0002	Syntax version number	M n..1	3
<b>S002</b>	<b>Interchange sender</b>	M	
0004	Sender identification	M an..35	5790001088507
0007	Partner identification code qualifier	C an..4	14 = EAN number
0008	Address for reverse routing	C an..14	Not used
<b>S003</b>	<b>Interchange recipient</b>	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
<b>S004</b>	<b>Date/time of preparation</b>	M	
0017	Date	M n..6	YYMMDD
0019	Time	M n..4	HHMM
<b>0020</b>	<b>Interchange control reference</b>	M an..14	Unique reference assigned by sender
<b>S005</b>	<b>Recipient's reference password</b>	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		Not used
0029	Processing priority code		Not used
0031	Acknowledgement request		Not used
0032	Communications agreement		Not used
0035	Test indicator		1 = test, blank = production.
Example: UNB+UNOC:3+5790001088507:14+5790000000001:14+060315:0945+1179191+++++1'			

<b>UNH Service string advis</b>			
To define the characters selected for use as delimiters and indicators in the rest of the Interchange			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>0062</b>	<b>MESSAGE REFERENCE NUMBER</b>	M an..14	Sender's unique message reference. Sequence number of the message in the interchange.
<b>S009</b>	<b>MESSAGE IDENTIFIER</b>	M	
0065	Message type	M an..6	ORDRSP = Purchase order confirmation 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	DAV050
<b>0068</b>	<b>COMMON ACCESS REFERENCE</b>	C an..35	Not used
<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	C	
0070	Sequence of transfers	M n..2	Not used
0073	First and last transfer		Not used
Example: UNH+1381305+ORDRSP:D:96A:UN:DAV050'			

<b>BGM Beginning of message</b>			
To indicate the type and function of a message and to transmit the identifying number.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	C	
1001	Document/message name, coded	C an..3	231
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
<b>1004</b>	<b>DOCUMENT/MESSAGE NUMBER</b>	C an..35	Supplier's order confirmation number'.
<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b>	C an..3	Not used
<b>4343</b>	<b>RESPONSE TYPE, CODED</b>	C an..3	AC - Acknowledge - with detail and change
Example: BGM+231+7893083++AC'			

<b>DTM Date/time/period</b>			
To specify date, and/or time, or period.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	
2005	Date/time/period qualifier	M an..3	2 - Delivery date/time, requested 35 - Delivery date/time, actual 189 = Departure date/time, scheduled
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102=CCYYMMDD
Example: DTM+2:20060315:102'			

<b>FTX Free text</b>			
To provide free form or coded text information.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>4451</b>	<b>TEXT SUBJECT QUALIFIER</b>	M an..3	AAI - General information
<b>4453</b>	<b>TEXT FUNCTION, CODED</b>	C an..3	Not used
<b>C107</b>	<b>TEXT REFERENCE</b>	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
<b>C108</b>	<b>TEXT LITERAL</b>	C	
4440	Free text	M an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
<b>3453</b>	<b>LANGUAGE, CODED</b>	C an..3	Not used
Example: FTX+AAI+++First line:Second line'			

<b>RFF Reference</b>			
To specify a reference			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C506</b>	<b>REFERENCE</b>	M	
1153	Reference qualifier	M an..3	CR – Lemvigh Müller A/S Order number ON – Our End Customer`s Order number
1154	Reference number	C an..35	Lemvigh Müller A/S order number
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example: RFF+CR: 4500076557'			

<b>NAD Name and address</b>			
To specify the name and address and their related functions.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>3035</b>	<b>PARTY QUALIFIER</b>	M an..3	BY = Buyer DP = Delevery party SE = Seller
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	C	
3039	Party id. identification	M an..35	BY: 5790001088507 = Lemvigh Müller A/S DP: Not used SE: Seller EAN number
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	9=EAN number
<b>C058</b>	<b>NAME AND ADDRESS</b>	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
<b>C080</b>	<b>PARTY NAME</b>	C	
3036	Party name	M an..35	DP: Company name – line 1
3036	Party name	C an..35	DP: 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
<b>C059</b>	<b>STREET</b>	C	
3042	Street and number/p.o. box	M an..35	DP: 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
<b>3164</b>	<b>CITY NAME</b>	C an..35	DP: City name
<b>3229</b>	<b>COUNTRY SUB-ENTITY IDENTIFICATION</b>	C an..9	Not used
<b>3251</b>	<b>POSTCODE IDENTIFICATION</b>	C an..9	DP: Zipcode
<b>3207</b>	<b>COUNTRY, CODED</b>	C an..3	DP: Country code
Example: NAD+BY+5790001088507::9' NAD+DP+++Lemvigh-Müller A/S+Nordager 1+Kolding++6000+DK' NAD+SE+5700000000001::9'			

<b>CTA Contact information</b>			
To identify a person or a department to whom communication should be directed.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>3139</b>	<b>CONTACT FUNCTION, CODED</b>	C an..3	SU - Supplier contact PD - Purchasing contact
<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	C	
3413	Department or employee identification	C an..17	Not used
3412	Department or employee	C an..35	Contact name
Example: CTA+PD+:Jørn Heideman'			

<b>COM Communication contact</b>			
To identify a communication number of a department or a person to whom communication should be directed.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C076</b>	<b>COMMUNICATION CONTACT</b>	M	
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'			

<b>CUX Currencies</b>			
To specify currencies used in the transaction and relevant details for the rate of exchange. Is only used if currency is different from DKK.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C504</b>	<b>CURRENCY DETAILS</b>	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	Not used
6348	Currency rate base	C n..4	Not used
<b>C504</b>	<b>CURRENCY DETAILS</b>	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
<b>5402</b>	<b>RATE OF EXCHANGE</b>	C n..12	Not used
<b>6341</b>	<b>CURRENCY MARKET EXCHANGE, CODED</b>	C an..3	Not used
Example: CUX+2:EUR'			

<b>TDT Details of transport</b>			
To specify the mode and means of transport.			
Is only used if details of transport differs from agreed transport.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>8051</b>	<b>Transport stage qualifier</b>	M an..3	20 - Main-carriage transport
<b>8028</b>	<b>Conveyance reference number</b>	C an..17	Not used
<b>C220</b>	<b>Mode of transport</b>	C	
8067	Mode of transport, coded	C an..3	Not used
8066	Mode of transport	C an..17	Not used
<b>C228</b>	<b>Transport means</b>	C	
8179	Type of means of transport identification	C an..8	Not used
8178	Type of means of transport	C an..17	Not used
<b>C040</b>	<b>Carrier</b>	C	
3127	Carrier identification	C an..17	Not used
1131	Codelist qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
3128	Carrier name	C an..35	Details of transport – text field
<b>8101</b>	<b>Transit direction, coded</b>	<b>C an..3</b>	
<b>C401</b>	<b>Excess transportation information</b>	C	
8457	Excess transportation reason, coded	M an..3	Not used
8459	Excess transportation responsibility, coded	M an..3	Not used
7130	Customer authorization number	C an..17	Not used
<b>C222</b>	<b>Transport identification</b>	C	
8213	Id of means of transport identification	C an..9	Not used
1131	Codelist qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
8212	Id of the means of transport	C an..35	Not used
8453	Nationality of means of transport, coded	C an..3	Not used
<b>8281</b>	<b>Transport ownership, coded</b>	<b>C an..3</b>	Not used
Example: TDT+20++++:::Danske Fragtmænd'			

<b>LIN Line item</b>			
To identify a line item and configuration			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>1082</b>	<b>LINE ITEM NUMBER</b>	C n..6	Line number
<b>1229</b>	<b>ACTION REQUEST/NOTIFICATION, CODED</b>	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	C	
7140	Item number	C an..35	EAN number if provided
7143	Item number type, coded	C an..3	EN – International Article Numbering Association
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C829</b>	<b>SUB-LINE INFORMATION</b>	C	
5495	Sub-line indicator, coded	C an..3	Not used
1082	Line item number	C n..6	Not used
<b>1222</b>	<b>CONFIGURATION LEVEL</b>	C n..2	Not used
<b>7083</b>	<b>CONFIGURATION, CODED</b>	C an..3	Not used
Example: LIN+1++5702233000233:EN'			

<b>PIA Additional product id</b>			
To specify additional or substitutrial item identification codes.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>4347</b>	<b>PRODUCT ID. FUNCTION QUALIFIER</b>	M an..3	1 - Additional identification
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	M	
7140	Item number	C an..35	Productnumber
7143	Item number type, coded	C an..3	MF - Manufacturer's (producer's) article number ZWN – Grossist article number
1131	Code list qualifier	C an..3	Not used
3055	Code list responsible agency, coded	C an..3	Not used
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	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
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	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
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	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
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	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+KTH3048315000S:MF' PIA+1+3048315000S:ZWN'			

<b>IMD Item description</b>			
To describe an item in either an industry or free format.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>7077</b>	<b>ITEM DESCRIPTION TYPE, CODED</b>	C an..3	F - Free-form
<b>7081</b>	<b>ITEM CHARACTERISTIC, CODED</b>	C an..3	Not used
<b>C273</b>	<b>ITEM DESCRIPTION</b>	C	
7009	Item description identification	C an..17	TU – Trade unit
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 1
7008	Item description	C an..35	Item description 2
3453	Language, coded	C an..3	Not used
<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>	C an..3	Not used
Example: IMD+F++TU::Toolbox 33'			

<b>QTY Quantity</b>			
To specify a pertinent quantity			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C186</b>	<b>QUANTITY DETAILS</b>	M	
6063	Quantity qualifier	M an..3	21 - Ordered quantity 113 - Quantity to be delivered 73 = Outstanding quantity
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	C an..3	Common code from UN/CEFACT Recommendation 20
Example: QTY+21:5:PCE'			

<b>DTM DATE/TIME/PERIOD</b>			
To specify date, and/or time, or period.			
Only specified if requested delivery time is different from the one specified in order header.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M	
2005	Date/time/period qualifier	M an..3	35 = Delivery date/time, actual 76 = Delivery date/time, scheduled for 189 = Departure date/time, scheduled
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102 - CCYMMDD
Example: DTM+2:20051212:102'			

<b>MOA Monetary amount</b>			
To specify a monetary amount.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C516</b>	<b>MONETARY AMOUNT</b>	M	
2025	Monetary amount type qualifier	M an..3	203 - Line item amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	ISO 4217 three alpha code
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+203:1855:DKK'			

<b>FTX Free text</b>			
To provide free form or coded text information.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>4451</b>	<b>TEXT SUBJECT QUALIFIER</b>	M an..3	AAI - General information
<b>4453</b>	<b>TEXT FUNCTION, CODED</b>	C an..3	Not used
<b>C107</b>	<b>TEXT REFERENCE</b>	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
<b>C108</b>	<b>TEXT LITERAL</b>	C	
4440	Free text	M an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
4440	Free text	C an..70	Important orderheader information
<b>3453</b>	<b>LANGUAGE, CODED</b>	C an..3	Not used
Example: FTX+AAI+++Must be 113-0322'			

<b>PRI Price Details</b>			
Specifies article price per unit.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C509</b>	<b>PRICE INFORMATION</b>	M	
5125	Price qualifier	M an..3	AAA – Calculation net
5118	Price	C n..15	Amount
5375	Price type, coded	C an..3	CA =Catalogue
5387	Price type qualifier	C an..3	Not used
5284	Unit price basis	C n..9	Number
6411	Measure unit qualifier	C an..3	Common code from UN/CEFACT Recommendation 20
<b>5213</b>	<b>SUB-LINE PRICE CHANGE, CODED</b>	C an..3	Not used
Example: PRI+AAA:43,00:::1:PCE'			

<b>RFF Reference</b>			
To specify a reference.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C506</b>	<b>REFERENCE</b>	M	
1153	Reference qualifier	M an..3	LI -Line item reference number
1154	Reference number	C an..35	Linenumber
1156	Line number	C an..6	Not used
4000	Reference version number	C an..35	Not used
Example: RFF+LI:00010'			

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

<b>MOA Monetary amount</b>			
To specify a monetary amount.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C516</b>	<b>MONETARY AMOUNT</b>	M	
2025	Monetary amount type qualifier	M an..3	79 - Total line items amount
5004	Monetary amount	C n..18	Amount
6345	Currency, coded	C an..3	ISO 4217 three alpha code
6343	Currency qualifier	C an..3	Not used
4405	Status, coded	C an..3	Not used
Example: MOA+79:1855:DKK'			

<b>UNT Message trailer</b>			
To end and check completeness of a message.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>0074</b>	<b>NUMBER OF SEGMENTS IN THE MESSAGE</b>	M n..6	The total number of segments in the message is detailed here.
<b>0062</b>	<b>MESSAGE REFERENCE NUMBER</b>	M an..14	The message reference number detailed here should equal the one specified in the UNH segment.

Example: UNT+22+10'

<b>UNZ Interchange trailer</b>			
To separate header, detail and summerysections of a message.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>0036</b>	<b>Interchange control count</b>	M n..6	The count of the number of messages.
<b>0020</b>	<b>Interchange control reference</b>	M an..14	Shall be identical to 0020 in UNB segment.
Example: UNZ+1+1179191'			

### 3 Example

This section gives an example of an Purchase Order Confirmation message:

```
UNA:..?'  
UNB+UNOC:3+5790001088507:14+5790000000001:14+060315:0945+1179191+++++1'  
UNH+1179100+ORDRSP:D:96A:UN:DAV050'  
BGM+231+7711385++AC'  
DTM+2:20051209:102'  
DTM+35:20051211:102'  
FTX+AAI+++KØB1234:Skal hasteleveres:Husk emballage af plast'  
RFF+CR: 4500076557 '  
NAD+SE+5700000000001:9'  
CTA+SÚ+:R.Larsen'  
NAD+BY+5790001088507'  
CTA+PD+:Jørn Heideman'  
COM+3695 5269:TE'  
COM+edi@lemu.dk:EM'  
NAD+DP+++Lemvigh-Müller A/S+Nordager 1+Kolding++6000+DK'  
TDT+20++++:::Danske fragtmænd'  
LIN+1'  
PIA+1+KTH3048315000S:MF'  
PIA+1+3048315000S:ZWN'  
IMD+F++TU:::POSITIONERINGSBOLT 2" 613-06-A'  
QTY+21:50:PCE'  
DTM+35:20051211:102'  
MOA+203:1855:DKK'  
FTX+AAI+++Skal være 113-0322'  
PRI+AAA:37.10:::1:PCE'  
RFF+LI:00010'  
UNS+S'  
MOA+79:1855:DKK'  
UNT+26+1179100'  
UNZ+1+1179191'
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