

# Specification

## Lemvigh Müller Despatch Advice (DAVID)

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## 1 Document information

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### 1.1 Purpose of document

This document describes how purchase orders 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 6.0 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	2016.05.25	Created Lemvigh Müller GLN numbers updated	BRHO

## 2 Lemvigh-Müller A/S Despatch Advice (Purchase)

This section describes each segment used in the Despatch Advice 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 = UN / ECE level C (as defined in ISO 8859-1)
0002	Syntax version number	M n..1	Syntax version number 3 (refer to use of all valid codes in DE 0001)
<b>S002</b>	<b>Interchange sender</b>	M	
0004	Sender identification	M an..35	Senders EAN13 location number (GLN number)
0007	Partner identification code qualifier	C an..4	14 = EAN number (GLN 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	5790000428403(PROD) or 5790002195853(Test)
0007	Partner identification code qualifier	C an..4	14 = EAN number (GLN 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		1 = Acknowledge required
0032	Communications agreement		Not used
0035	Test indicator		1 = test, blank = production.
Example: UNB+UNOC:3+5790000000001:14+5790000428403:14+130507:0700+4204++++++1'			

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

<b>UNH Message Start</b>			
Sent once per document in one despatch specifying which message is sent, as well as version number and code for the despatch co-operation.			
<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	DESADV = Dispatch advice 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	DAV060 – David version 6.0
<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: <i>UNH+12345+DESADV:D:96A:UN:DAV060'</i>			

<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	351 = Dispatch advice
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 <sup>1</sup> .
<b>1225</b>	<b>MESSAGE FUNCTION, CODED</b>	C an..3	Not used
<b>4343</b>	<b>RESPONSE TYPE, CODED</b>	C an..3	Not used
Example: <i>BGM+351+7654321'</i>			

<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	137 - Document date 11 - Despatch date 63 = Last delivery date (Not used)
2380	Date/time/period	C an..35	Date
2379	Date/time/period format qualifier	C an..3	102=CCYYMMDD
Example: <i>DTM+137:20130507:102'</i> <i>DTM+11:20130507:102'</i>			

<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 = Delivery party SU = Supplier
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	C	
3039	Party id. identification	M an..35	BY: Lemvigh Müller EAN(GLN) number or as aggred DP: Delivery address SU: Seller/Vendor GLN 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	Company name - line 1
3036	Party name	C an..35	Company name - line 2
3036	Party name	C an..35	Company name - line 3
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	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	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	Zipcode
<b>3207</b>	<b>COUNTRY, CODED</b>	C an..3	Country code
Example: NAD+BY+5790000428403::9' NAD+DP+++Lemvigh-Müller A/S+Nordager 1+Kolding++6000+DK' NAD+SU+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	OC - Order contact (Supplier) PD - Purchasing contact (Buyer)
<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: <i>CTA+PD+:Jens Jensen'</i>			

<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 responsebility, 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>	C an..3	Not used
Example: <i>TDT+20++++::Danske Fragtmænd'</i>			

<b>CPS Consignment Packing Sequence</b>			
To specify the sequence of a despatch.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>7164</b>	<b>HIERARCHICAL ID. NUMBER</b>	M an..12	'Running number'. Recommended numbering: 1, 2, 3, 4, 5 ...
<b>7166</b>	<b>HIERARCHICALPARENT ID.</b>	C an..12	Not used
<b>7075</b>	<b>PACKAGING LEVEL, CODED</b>	C an..3	Not used
Example: <i>CPS+1'</i>			

<b>PAC Package</b>			
To specify number of physical despatch units (pallets/boxes) per hierarchical level.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>7224</b>	<b>NUMBER OF PACKAGES</b>	C n..8	'Number'
<b>C531</b>	<b>PACKAGING DETAILS</b>	C	
7075	Packaging level, coded	C an..3	Not used
7233	Packaging related information, coded	C an..3	Not used
7073	Packaging terms and conditions, coded	C an..3	Not used
<b>C202</b>	<b>PACKAGE TYPE</b>	C	
7065	Type of packages 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
7064	Type of packages	C an..35	Not used
<b>C402</b>	<b>PACKAGE TYPE IDENTIFICATION</b>	C	
7077	Item description type, coded	M an..3	Not used
7064	Type of packages	M an..35	Not used
7143	Item number type, coded	C an..3	Not used
7064	Type of packages	C an..35	Not used
7143	Item number type, coded	C an..3	Not used
<b>C532</b>	<b>RETURNABLE PACKAGE DETAILS</b>	C	
8395	Returnable package freight payment responsibility, coded	C an..3	Not used
8393	Returnable package load contents, coded	C an..3	Not used
Example: <i>PAC+1++201::9'</i>			

<b>PCI Package identification</b>			
To specify markings and/or labels used on individual physical units (packages) described in the PAC segment.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>4233</b>	<b>MARKING INSTRUCTIONS, CODED</b>	C an..3	28 – Free text 33E – Marked with SSCC (EAN Code)
<b>C210</b>	<b>MARKS &amp; LABELS</b>	C	
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
7102	Shipping marks	M an..35	Not used
<b>8275</b>	<b>CONTAINER/PACKAGE STATUS, CODED</b>	C an..3	Not used
<b>C827</b>	<b>TYPE OF MARKING</b>	C	
7511	Type of marking, 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
Example: <i>PCI+33E'</i>			

<b>GIN Goods Identity Number</b>			
To give specific identification numbers, either as single numbers or ranges.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>7405</b>	<b>IDENTITY NUMBER QUALIFIER</b>	M an..3	AN - Manufacturing reference nummer BJ - Serial shipping container code
<b>C208</b>	<b>IDENTITY NUMBER RANGE</b>	M	
7402	Identity number	M an..35	Pallet Number
7402	Identity number	C an..35	Not used
<b>C208</b>	<b>IDENTITY NUMBER RANGE</b>	C	
7402	Identity number	M an..35	Not used
7402	Identity number	C an..35	Not used
<b>C208</b>	<b>IDENTITY NUMBER RANGE</b>	C	
7402	Identity number	M an..35	Not used
7402	Identity number	C an..35	Not used
<b>C208</b>	<b>IDENTITY NUMBER RANGE</b>	C	
7402	Identity number	M an..35	Not used
7402	Identity number	C an..35	Not used
<b>C208</b>	<b>IDENTITY NUMBER RANGE</b>	C	
7402	Identity number	M an..35	Not used
7402	Identity number	C an..35	Not used
Example: <i>GIN+BJ+35708525000000376'</i>			

<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: <i>LIN+1++5702233000233:EN'</i>			

<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 5 - Product 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	IN - Buyer's item number SA - Supplier's 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: <i>PIA+1+KTH3048315000S:IN'</i> <i>PIA+1+3048315000S:SA'</i>			



<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	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
<b>7383</b>	<b>SURFACE/LAYER INDICATOR, CODED</b>	C an..3	Not used
Example: <i>IMD+F++:::Toolbox 33'</i>			

<b>QTY Quantity</b>			
To specify the number of products, identified in LIN segment, that are despatched.			
<b>Number</b>	<b>Text</b>		<b>Description</b>
<b>C186</b>	<b>QUANTITY DETAILS</b>	M	
6063	Quantity qualifier	M an..3	12 - Despatch quantity
6060	Quantity	M n..15	Quantity
6411	Measure unit qualifier	C an..3	Common code from UN/CEFACT Recommendation 20
Example: <i>QTY+12:50:PCE'</i>			

<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	ON - Order number (Buyer) VN - Order number (Vendor)
1154	Reference number	C an..35	Reference number
1156	Line number	C an..6	LM Order line reference number
4000	Reference version number	C an..35	Not used
Example: <i>RFF+ON:4500232186:00010'</i>			

<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: <i>UNT+22+10'</i>			

<b>UNZ Interchange trailer</b>			
To end the despatch/interchange.			
<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: <i>UNZ+1+4204'</i>			

### 3 Example

This section gives an example of an Despatch Advice message:

```
UNA:..? '
UNB+UNOC:3+579000000001:14+5790000428403:14+130507:0700+4204+++++1 '
UNH+12345+DESADV:D:96A:UN:DAV060 '
BGM+351+7654321 '
DTM+137:20130507:102 '
DTM+11:20130507:102 '
NAD+BY+5790000428403::9 '
CTA+PD+:Jens Jensen '
NAD+DP+++Lemvigh-Müller A/S+Nordager 1+Kolding++6000+DK '
NAD+SU+570000000001::9 '
TDT+20++++:::Danske Fragtmænd '
CPS+1 '
PAC+1++201::9 '
PCI+33E '
GIN+BJ+35708525000000376 '
LIN+1++5702233000233:EN '
PIA+1+KTH3048315000S:IN '
PIA+1+3048315000S:SA '
IMD+F++:::Toolbox 33 '
QTY+12:50:PCE '
RFF+ON:4500232186:00010 '
UNT+20+12345 '
UNZ+1+4204 '
```