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**Lemvigh-Müller A/S**  
**Despatch Advice / Delivery**  
**IDOC: DESADV.DELVRY05**

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# 1. Document Information

## 1.1 Purpose of document

This document describes how sales despatch advice from Lemvigh-Müller A/S (LM) is generated. It is based on the **desadv.dlvry05** SAP standard XML IDOC format.

Please note: Lemvigh Müller may extend this document to include new segments and codes without notifying partners if the changes are made according to the XML IDOC standard.

In case of any questions please contact Lemvigh Müller A/S

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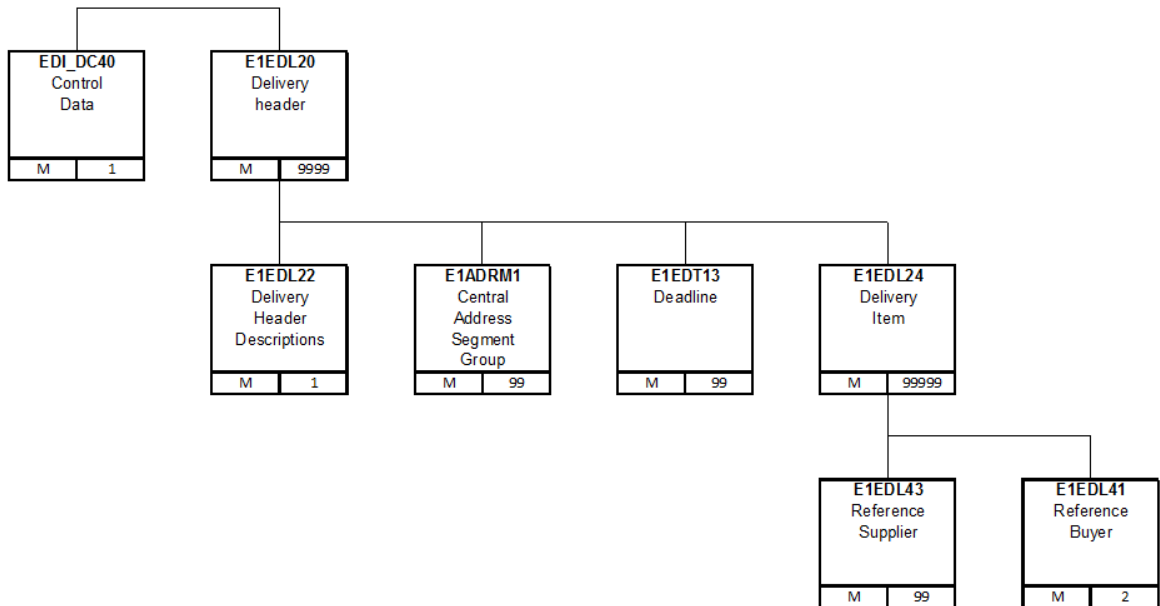
## 1.2 Document history

Version	Description	Author	Date
1.0	Document created	BIZbrains	2014-05-13

## 2. IDOC: Overall Document structure

A subset of the full structure is used.

The complete document can be downloaded using the SAP transaction WE60. To view the detailed documentation use WE60/WE63.



### 3. IDOC: DESADV.DELVRY05 segments

#### 3.1 EDI\_DC40: Control data

Control information on sender and receiver.

This segment is required, occurrence: 1			
Element	Name	Chars	Description
TABNAM	Tabel structure		EDI_DC40
DOCREL	Release/version	4	Release 702
DIRECT	Direction	1	1: Outbox
OUTMOD	Outputmode	1	2
IDOCTYP	Basis type		DELVRY05
MESTYP	Message type	30	DESADV
MESCOD	Message code	3	ED0
SNDPOR	Sender port	10	LEMU:DK
SNDPRT	Sender type	2	LS
SNDPRN	Sender partner	10	000000088
RCVPOR	Receiver port	10	Partner name
RCVPRT	Receiver type	2	LS
RCVPRN	Receiver partner	10	Account
CREDAT	Created date	8	Format: yyyyMMdd
CRETIM	Created time	6	Format: HHmmss

```

<EDI_DC40 SEGMENT="1">
  <TABNAM>EDI_DC40</TABNAM>
  <DOCREL>702</DOCREL>
  <DIRECT>1</DIRECT>
  <OUTMOD>2</OUTMOD>
  <IDOCTYP>DELVRY05</IDOCTYP>
  <MESTYP>DESADV</MESTYP>
  <MESCOD>ED0</MESCOD>
  <SNDPOR>LEMU.DK</SNDPOR>
  <SNDPRT>LS</SNDPRT>
  <SNDPRN>000000088</SNDPRN>
  <RCVPOR>PARTNERNAME</RCVPOR>
  <RCVPRT>LS</RCVPRT>
  <RCVPRN>0000019999</RCVPRN>
  <CREDAT>20140416</CREDAT>
  <CRETIM>104136</CRETIM>
</EDI_DC40>

```

### 3.2 E1EDL20: Delivery header

Header (sub-segments: E1EDL22, E1ADRM1, E1EDT13, E1EDL24)

This segment is required, occurrence: 1 - 9999			
Element	Name	Chars	Description
VBELN	Sales and Distribution Document Number	10	Delivery Number
VSTEL	Shipping Point/Receiving Point	4	Supplier Id
ANZPK	Total number of packages in delivery	5	

```

<E1EDL20 SEGMENT="1">
  <VBELN>0609982227</VBELN>
  <VSTEL>0088</VSTEL>
  <ANZPK>1</ANZPK>
  <E1EDL22 SEGMENT="1">
  <E1ADRM1 SEGMENT="1">
  <E1EDT13 SEGMENT="1">
  <E1EDL24 SEGMENT="1">
</E1EDL20>

```

### 3.3 E1EDL20.E1EDL22: Delivery Header Descriptions

Supplier description (sub-segment for E1EDL20).

The segment can be omitted, occurrence: 0 - 1			
Element	Name	Chars	Description
VSTEL_BEZ	Description of shipping point	30	Location
VKORG_BEZ	Description of sales organization	20	Supplier Name

```

<E1EDL22 SEGMENT="1">
  <VSTEL_BEZ>Centrallager Kolding</VSTEL_BEZ>
  <VKORG_BEZ>Lemvigh-Müller A/S</VKORG_BEZ>
</E1EDL22>

```

### 3.4 E1EDL20.E1ADRM1: Central Address Segment Group

Names, addresses and references of supplier, purchaser, consignee and invoice recipient. (sub-segment for E1EDL20).

The segment can be omitted, occurrence: 0 - 99			
Element	Name	Chars	Description
PARTNER_Q	Qualifier for partner function	3	Values: AG = Buyer WE =Ship-to party OSP = Shipping Point SP = Forwarding agent
PARTNER_ID	Partner no	17	Account at LM
NAME1	Name	40	
NAME2	-	40	
NAME3	-	40	
STREET1	House number and street	40	
POSTL_COD1	Postal code	10	
CITY1	Town or city	40	
TELEPHONE1	Telephone number	30	
E_MAIL	Email Address	70	
COUNTRY1	Country indicator	3	ISO alphanumeric

```

<E1ADRM1 SEGMENT="1">
  <PARTNER_Q>OSP</PARTNER_Q>
  <PARTNER_ID>000000088</PARTNER_ID>
  <NAME1>Lemvigh-Müller A/S</NAME1>
  <NAME2>Centrallager Kolding</NAME2>
  <STREET1>Nordager 1</STREET1>
  <POSTL_COD1>6000</POSTL_COD1>
  <CITY1>Kolding</CITY1>
  <COUNTRY1>DK</COUNTRY1>
</E1ADRM1>

```

### 3.5 E1EDL20.E1EDT13: Deadline (delivery)

Delivery date(s) (sub-segment for E1EDL20).

The segment can be omitted, occurrence: 0 - 99			
Element	Name	Chars	Description
QUALF	Qualifier: Date	3	007 = Delivery date
NTANF	Delivery date	8	Format: yyyyMMdd
NTANZ	Delivery time	6	Format: HHmmss
TZONE_BEG	Time Zone	6	CET = Central European Time

```

<E1EDT13 SEGMENT="1">
  <QUALF>007</QUALF>
  <NTANF>20140422</NTANF>
  <NTANZ>104136</NTANZ>
  <TZONE_BEG>CET</TZONE_BEG>
</E1EDT13>

```



### 3.6 E1EDL20.E1EDL24: Delivery Item

Scheduled quantities and item identification. (sub-segment for E1EDP01)  
 (sub-segments: E1EDL43, E1EDL41)

The segment can be omitted, occurrence: 0 - 99999			
Element	Name	Chars	Description
POSNR	Line number	6	
MATNR	Item number	18	Suppliers Item number
ARKTX	Item description	40	
ORKTX	Item description	40	
WERKS	Plant	4	Supplier id
KDMAT	Buyers item number	22	
LFIMG	Quantity	15	
VRKME	Unit of measure	3	ISO code
EAN11	International Article Number (EAN/UPC)	18	
VGBEL	Order number	10	Supplier order number (LM)

```

<E1EDL24 SEGMENT="1">
  <POSNR>000010</POSNR>
  <MATNR>4322808910</MATNR>
  <ARKTX>BB BITSS/ET BT31</ARKTX>
  <ORKTX>BB BITSS/ET BT31</ORKTX>
  <WERKS>0088</WERKS>
  <KDMAT>82655</KDMAT>
  <LFIMG>10.000</LFIMG>
  <VRKME>SET</VRKME>
  <EAN11>5708421089103</EAN11>
  <VGBEL>0408572229</VGBEL>
  <E1EDL43 SEGMENT="1">
  <E1EDL41 SEGMENT="1">
</E1EDL24>
  
```

### 3.7 E1EDL20.E1EDL24.E1EDL43: Reference, Supplier

Reference. (sub-segment for E1EDL24)

The segment can be omitted, occurrence: 0 - 99			
Element	Name	Chars	Description
QUALF	SD document category	1	C = Order
BELNR	Document number	35	Supplier order number
POSNR	Line number	6	Supplier order line number
DATUM	Date	8	Format: yyyyMMdd

```
<E1EDL43 SEGMENT="1">
  <QUALF>C</QUALF>
  <BELNR>0408572229</BELNR>
  <POSNR>000010</POSNR>
  <DATUM>20140422</DATUM>
</E1EDL43>
```

### 3.8 E1EDL20.E1EDL24.E1EDL41: Reference, Buyer

Reference. (sub-segment for E1EDL24)

The segment can be omitted, occurrence: 0 - 2			
Element	Name	Chars	Description
QUALI	Qualifier	3	001 = Purchase order
BSTNR	Order number	35	Buyers order number
POSEX	Line number	6	Buyers order line number

```
<E1EDL41 SEGMENT="1">
  <QUALI>001</QUALI>
  <BSTNR>0000097065</BSTNR>
  <POSEX>00020</POSEX>
</E1EDL41>
```

## 4. IDOC: Document example

```

<?xml version="1.0" encoding="utf-8"?>
<ns0:DELVRY05 xmlns:ns0="http://www.lemu.dk/biztalk/sap/idoc/xml/delvry05/desadv">
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    <EDI_DC40 SEGMENT="1">
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        <VKORG_BEZ>Lemvigh-Müller A/S</VKORG_BEZ>
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        <PARTNER_ID>0000013584</PARTNER_ID>
        <NAME1>BIZbrains A/S</NAME1>
        <STREET1>Havneparken 14b, 3.sal</STREET1>
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        <COUNTRY1>DK</COUNTRY1>
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      <E1ADRM1 SEGMENT="1">
        <PARTNER_Q>WE</PARTNER_Q>
        <PARTNER_ID>15652-003</PARTNER_ID>
        <NAME1>BIZbrains A/S</NAME1>
        <NAME2>Sjællandsafd.</NAME2>
        <STREET1>Skomagergade 20, 2. sal</STREET1>
        <POSTL_COD1>44000</POSTL_COD1>
        <CITY1>Roskilde</CITY1>
        <COUNTRY1>DK</COUNTRY1>
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      <E1ADRM1 SEGMENT="1">
        <PARTNER_Q>OSP</PARTNER_Q>
        <PARTNER_ID>0000000088</PARTNER_ID>
        <NAME1>Lemvigh-Müller A/S</NAME1>
        <NAME2>Centrallager Kolding</NAME2>
        <STREET1>Nordager 1</STREET1>
        <POSTL_COD1>6000</POSTL_COD1>
        <CITY1>Kolding</CITY1>
        <COUNTRY1>DK</COUNTRY1>
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      <E1ADRM1 SEGMENT="1">
        <PARTNER_Q>SP</PARTNER_Q>
        <NAME1>SP brug 503132 J.P. DISTRIBUTU</NAME1>

```

```
</E1ADRM1>
<E1EDT13 SEGMENT="1">
  <QUALF>007</QUALF>
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  <MATNR>4322808910</MATNR>
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  <ORKTX>BB BITSSÆT BT31</ORKTX>
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    <POSNR>000010</POSNR>
    <DATUM>20140422</DATUM>
  </E1EDL43>
  <E1EDL41 SEGMENT="1">
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    <BSTNR>0000097065</BSTNR>
    <POSEX>00020</POSEX>
  </E1EDL41>
</E1EDL24>
</E1EDL20>
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