T.7 USING THE DESPATCH ADVICE TO NOTIFY DELIVERIES

T.7.1 PRINCIPLES

The DESADV message enables a supplier to communicate to a customer the content of a delivery which includes items from either a single order or a number of orders. The message should list only those items from referenced orders which are being delivered in full or in part in the delivery in question.

A delivery is taken to be a number of items which are despatched as a single consignment to a single delivery address. If the order specified split deliveries to a number of different delivery addresses, there will be a separate DESADV message for each delivery address.

A DESADV message should in principle accurately reflect the content of the delivery to which it refers. In practice, discrepancies will sometimes arise when the despatch advice is generated before the order is picked - which is still a general book trade practice. Such discrepancies should be reconciled by sending a further ORDRSP message detailing the missing lines and stating whether they are recorded as dues or whether they have been cancelled as unavailable.

T.7.2 EDIFACT DIRECTORY

The version of the despatch advice message adopted by EDItEUR is EANCOM DESADV Version 005, taken from the 1997 release of the EANCOM message set, based on EDIFACT Directory D.96A.
T.7.3 MESSAGE STRUCTURE

The structure of the despatch advice message as used for this application is depicted below:

```
HEADER
One per message
UNH BGM DTM RFF NAD

DETAIL
CPS PAC PCI
One per message
Despatch line
Repeated as required
LIN PIA IMD MEA QTY RFF

SUMMARY
One per message
CNT UNT
```

The **header** section specifies the message type, gives the message a unique identification and date and any references which apply to the message as a whole, and names the sender, addressee, and delivery location.

The **detail** section begins with a CPS ("consignment packing sequence") segment. This relates to the conventional use of the despatch advice, when a consignment is described in terms of both the products which are being delivered and how they are packed and shipped. Only very limited packing information is required in book trade despatch advices. Most of the segments which carry this information in the EANCOM message are omitted. However, the CPS segment is mandatory, and in the present application there will be one occurrence in each message. It may optionally be followed by a PAC segment stating the number and type of packages making up the consignment, and by one or more PCI segments listing the codes with which individual packages are labelled.

The next group of seven segments together constitutes a single despatch advice line. The LIN segment carries the line sequence number within the message and may give the EAN-13 product code for the item despatched. The PIA segment, which is repeatable within the group, gives other forms of identification, eg ISBN. The IMD segment may optionally be used to carry a brief description of the item, though this should not normally be required. The MEA segment may give the unit weight and/or dimensions of the item supplied. The QTY segment must state the quantity despatched, and may give other related quantities. The RFF segment should give a unique reference identifying the buyer’s order line to which the despatch refers.
The **summary** section carries control totals and repeats the unique identification of the message for purposes of integrity checking.

### T.7.4 EXAMPLE OF A BOOK DESPATCH ADVICE MESSAGE

The very simple example below shows a message carrying two despatch advice lines. Line 2 shows a case where the product ordered is no longer available, and a substitute product is despatched.

To make the example easier to read, each segment has been placed on a separate line, and blank lines have been left between the sections identified in the block diagram on the last page. Note, however, that when an EDIFACT message is transmitted it is sent as a continuous data string, without carriage returns between segments.

```
UNH+ME000567+DESADV:D:96A:UN:EAN005'
BGM+351+587441+9'
DTM+137:19970901:102'
DTM+11:19970902:102'
NAD+SU+5411234512300::9'
NAD+BY+5412345000010::9'
NAD+DP+5412345000132::9'
CPS+1'
PAC+3++PK'
LIN+1'
PIA+5+0123456789:IB'
MEA+PD+HT+MMT:215'
MEA+PD+WD+MMT:134'
MEA+PD+TH+MMT:32'
QTY+12:120'
LIN+2'
PIA+5+012387654X:IB'
PIA+4+0123467022:IB'
MEA+PD+HT+MMT:215'
MEA+PD+WD+MMT:134'
MEA+PD+TH+MMT:32'
QTY+12:10'
CNT+2:2'
UNT+24+ME000567'
```

- **Header**
  - Despatch advice number
  - Message date
  - Despatch date
  - Supplier ID
  - Buyer ID
  - Delivery location

- **CPS segment**
  - Three packages

- **Line 1**
  - ISBN
  - Height 215 mm
  - Width 134 mm
  - Thickness 32 mm
  - 120 copies despatched

- **Line 2**
  - ISBN of item despatched
  - ISBN of item ordered
  - Height 215 mm
  - Width 134 mm
  - Thickness 32 mm
  - 10 copies despatched

- **Control total**: 2 line items
- **Trailer**: 24 segments
T.7.5 DESPATCH ADVICE MESSAGE SUBSET FOR BOOK DESPATCH ADVICES

1  UNH MESSAGE HEADER  
   One mandatory occurrence per message
   + 0062  Message reference no  M  an..14  
   Sender’s unique message reference number. By convention, incorporates a sequence number of the message within the interchange.

   S009 MESSAGE IDENTIFIER  M
   + 0065  Message type identifier  M  an..6  
   DESADV = despatch advice
   : 0052  Message type version no  M  an..3  
   : 0054  Message type release no  M  an..3  
   : 0051  Controlling agency  M  an..2  
   : 0057  Association-assigned code  M  an..6  
   EAN005 = EAN version number
   + 0068  Common access reference  N  
   Not used in EANCOM
   + S010  Status of the transfer  N  
   Not used in EANCOM

   Example:
   UNH+ME000678+DESADV:D:96A:UN:EAN005'

2  BGM BEGINNING OF MESSAGE  
   One mandatory occurrence per message

   C002  DOCUMENT/MESSAGE NAME  M
   + 1001  Document/message code  M  an..3  
   351 = despatch advice
   : 1131  Code list qualifier  N  
   Not used in EANCOM
   : 3055  Code list agency code  N  
   Not used in this application
   : 1000  Document/message name  O  an..35  
   Not recommended, since the message type is identified by the code in DE 1001
   + 1004  Document/message number  M  an..35  
   Despatch advice number assigned by the document sender: mandatory in EANCOM
   + 1225  Message function, coded  M  an..2  
   Mandatory in EANCOM: 9 = original, 7 = duplicate (ie retransmission)
   + 4343  Response type, coded  N  
   Not used in EANCOM

   Example:
   BGM+351+ADV01086+9'  
   Despatch advice message number ADV01086
3 DTM DATE/TIME/PERIOD

One mandatory occurrence per message, to give the message date. A second occurrence may, and normally should, be used to give a delivery or despatch date.

C507 DATE/TIME/PERIOD
+ 2005 Date/time/period qualifier M an..3
: 2380 Date/time/period M an..35
: 2379 Date/time/period format code M an..3

Example:
DTM+137:19960820:102'

Segment group SG01: only RFF segment 4 is used in this application

4 RFF REFERENCE

Up to 10 repeats may be used for references applying to the delivery as a whole. In normal practice, the despatch advice number is given as the message number in BGM DE 1004, and any other references at message level should be agreed between trading partners.

C506 REFERENCE
+ 1153 Reference qualifier M an..3
: 1154 Reference number M an..35
: 1156 Line number N an..35
: 4000 Reference version number N an..35

Example:
RFF+ON:96056789'

Order number 96056789

Segment 5 (DTM) is not used in this application
SG02 NAD-SG03-SG04

Each occurrence of SG02 identifies a party to the transaction and may give other linked information. In this application, only NAD segment 6 is used.

6 NAD NAME AND ADDRESS

Two mandatory occurrences per message, to show sender and recipient

+ 3035 Party qualifier M an..3
  BY = buyer
  DP = delivery party: use for the customer's delivery location
  SU = supplier

C082 PARTY IDENTIFICATION D

The recommended practice is to use coded identification only, preferably an EAN location code, or failing that an alternative industry standard code

+ 3039 Party identification code D an..17
: 1131 Code list qualifier N
  Not used in EANCOM
: 3055 Code list responsible agency D an..3
  9 = EAN
  22B = Börsenverein des Deutschen Buchhandels (for Verkehrsnummer) (EDITEUR code)
  31B = US SBN Agency (for US-assigned book trade SANs) (EDITEUR code)
  32B = UK SBN Agency (for UK-assigned book trade SANs) (EDITEUR code)
  91 = Assigned by supplier
  92 = Assigned by buyer

+ C058 NAME AND ADDRESS N
  Not used in EANCOM

C080 PARTY NAME D

Name and address are sent as structured text only if no ID code is used (DE 3039)

+ 3036 Party name D an..35
: 3036 Party name D an..35
: 3036 Party name D an..35
: 3036 Party name D an..35
: 3045 Name format, coded N an..3
  Not used in this application

C059 STREET D

Building name and/or number and street name, and/or P O Box number

+ 3042 Street & number/P O Box D an..35
: 3042 Street & number/P O Box D an..35
: 3042 Street & number/P O Box D an..35
+ 3164 City name D an..35
  City or town name in clear text

/continued
6 NAD NAME AND ADDRESS (continued)

+ 3229 Country sub-entity ID D an..9 County, state, province in clear text
+ 3251 Postcode D an..9 Postal code
+ 3207 Country, coded D an..3 ISO 3166 two-alpha code

Example:
NAD+SU+5012345678921::9'
NAD+BY+5098765432189::9'

Segments 7 to 16 (RFF-CTA-COM, TOD-LOC, TDT-LOC, EQD-MEA-SEL) (segment groups SG03 to SG08) are not used in this application

SG10 CPS-SG11-SG15

In this application, there will be only one occurrence of segment group SG10 per message, describing the consignment as a whole.

17 CPS CONSIGNMENT PACKING SEQUENCE

One mandatory occurrence per repeat of SG10 (ie, in this application, one occurrence per message). The CPS segment has no real significance in the context of book trade despatch advices, but it is a required part of the overall message structure.

+ 7164 Hierarchical ID number M an..12 Always 1 in this application
+ 7166 Hierarchical parent ID N Not used in this application
+ 7075 Packaging level, coded N Not used in EANCOM

Example:
CPS+1'
SG11  PAC-MEA-QTY-SG12-SG13

Segment group SG11: only PAC segment 18 is used in this application.

18  PAC  PACKAGE

In this application, one occurrence per message may optionally be used to indicate the number and type of packages in the despatch.

+ 7224  Number of packages  M  n..8  Mandatory in this application.
+ C531  PACKAGING DETAILS  N  Composite C531 is not used in this application.
 C202  PACKAGE TYPE  M  Mandatory in this application.
+ 7065  Type of package ID code  M  an..17  PK = package or parcel
PLL = pallet (EDItEUR code)
BRC = book trade standard returnable container (UK) (EDItEUR code)

: 1131  Code list qualifier  N  Not used in EANCOM
: 3055  Code list responsible agency  D  28 = EDItEUR, if an EDItEUR code is used in DE 7065
: 7064  Type of package  N  Not used in this application

Example:

PAC+4++PK'  4 packs

Segments 19 to 21 (MEA-QTY-HAN) (segment group SG12) are not used in this application.
SG13 PCI-RFF-DTM-SG14

Segment group SG13: only PCI segment 22 is used in this application

22 PCI PACKAGE IDENTIFICATION

One optional occurrence per package referred to in the linked PAC segment, to give the code number identifying the individual package, and marked on the package. Maximum 1000 occurrences per linked PAC segment. This segment identifies the packages in a consignment without specifying the line items which they contain.

+ 4233 Marking instructions, coded M an..3 Mandatory in EANCOM: 33E=marked with serial shipping container code (EAN code)
C210 MARKS & LABELS M
+ 7102 Shipping marks M an..35 Composite C210 is mandatory in this application
: 7102 Shipping marks N Serial shipping container code for the package
: 7102 Shipping marks N Composite C210 carries 9 repeats of DE 7102, which are not used in this application
: 7102 Shipping marks N
: 7102 Shipping marks N
: 7102 Shipping marks N
: 7102 Shipping marks N
: 7102 Shipping marks N
: 7102 Shipping marks N
+ 8275 Container/package status code N Not used in EANCOM
+ C827 TYPE OF MARKING N Composite C827 is not used in EANCOM

Example:

PCI+33E+354123450000000014'

Segments 23 to 25 (RFF-DTM-GIN) (segment group SG14) are not used in this application
| SG15 LIN-PIA-IMD-MEA-.......-SG20-SG23 | Each occurrence of segment group SG15 represents one despatch advice line. There can be up to 9999 such lines in a single message. |
| 26 LIN LINE ITEM | One mandatory occurrence per line. In this application the LIN segment is used only to carry the line sequence number, and an EAN-13 article number if used to identify the product being despatched. |

+ **1082** Line item number M n..6 Line sequence number, starting at one in each message and incremented by one for each successive line

+ **1229** Action request/notification N Not used in EANCOM

+ **C212** ITEM NUMBER ID D Only EAN article numbers are accepted in composite C212 in the LIN segment

+ **7140** Item number D EAN-13 article number identifying the product despatched

  : **7143** Item number type, coded D EN = EAN: mandatory in EANCOM if an EAN-13 article number is used

  : **1131** Code list qualifier N Not used in EANCOM

  : **3055** Code list agency code N Not used in this application

+ **C829** Sub-line information N Composite C829 is not used in this application

+ **1222** Configuration level N Not used in EANCOM

+ **7083** Configuration, coded N Not used in this application

**Examples:**

LIN+25' Line 25, product identified in PIA segment 27

LIN+25+5412345087653:EN' Line 25 with EAN-13 article number
<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Attribute</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>PIA ADDITIONAL PRODUCT ID</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+ 4347</td>
<td>Product id function code</td>
<td>M</td>
<td>an..3</td>
</tr>
<tr>
<td></td>
<td>1 = additional identification of the product despatches</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>4 = substituted for: use to identify the product originally ordered when the product despatched is a substitute</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5 = main identification of the product despatched, when not given by an EAN-13 article number in LIN segment 26</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C212</td>
<td>ITEM NUMBER ID</td>
<td>M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>+ 7140</td>
<td>Item number</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>: 7143</td>
<td>Item number type, coded</td>
<td>M</td>
</tr>
<tr>
<td></td>
<td>: 1131</td>
<td>Code list qualifier</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td>: 3055</td>
<td>Code list agency code</td>
<td>N</td>
</tr>
<tr>
<td>+ C212</td>
<td>ITEM NUMBER ID</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>+ C212</td>
<td>ITEM NUMBER ID</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>+ C212</td>
<td>ITEM NUMBER ID</td>
<td>D</td>
<td></td>
</tr>
<tr>
<td>+ C212</td>
<td>ITEM NUMBER ID</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Example:
PIA+5+0856674427:IB'

ISBN as main product identification
28       IMD  ITEM DESCRIPTION

Optional: one occurrence may be used to give a brief description of the item despatched. In book trade despatch advices, description should be sent only when the product despatched is a substitute for the product ordered.

+ 7077  Item description type code          M  an..3  Mandatory in this application: F = free-form
+ 7081  Item characteristic code          M  an..3  BST = short author/title description
C273    ITEM DESCRIPTION               M
+ 7009  Item description id                N
: 1131  Code list qualifier                N
: 3055  Code list agency code              N
: 7008  Item description                    M  an..35  Descriptive data as free text
: 7008  Item description                    D  an..35  Continuation line if required
+ 7383  Surface/layer indicator code       N  Not used in EANCOM

Example:
IMD+F+BST+:::Rubin/Picasso and Portraiture/MOMA :New York'

29       MEA  MEASUREMENTS

Up to four occurrences may be used to give the unit weight and dimensions of the product despatched

+ 6311  Measurement application qualifier M  an..3  Mandatory: PD = physical dimensions
C502    MEASUREMENT DETAILS               M
+ 6313  Measurement dimension, coded      M  an..3  Mandatory in this application
: 6321  Measurement significance          N  Not used in this application
: 6155  Measurement attribute, coded      N  Not used in this application
: 6154  Measurement attribute              N  Not used in EANCOM
/continued
29 MEA MEASUREMENTS (continued)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>M/N</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>C174</td>
<td>VALUE/RANGE</td>
<td>M</td>
<td>Mandatory in EANCOM</td>
</tr>
<tr>
<td>+ 6411</td>
<td>Measure unit qualifier</td>
<td>M</td>
<td>GRM = grams</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MMT = millimetres</td>
</tr>
<tr>
<td>: 6314</td>
<td>Measurement value</td>
<td>M</td>
<td>Mandatory in this application: enter as a whole number without leading zeros</td>
</tr>
<tr>
<td>: 6162</td>
<td>Range minimum</td>
<td>N</td>
<td>Not used in this application</td>
</tr>
<tr>
<td>: 6152</td>
<td>Range maximum</td>
<td>N</td>
<td>Not used in this application</td>
</tr>
<tr>
<td>: 6432</td>
<td>Significant digits</td>
<td>N</td>
<td>Not used in EANCOM</td>
</tr>
<tr>
<td>+ 7383</td>
<td>Surface/layer indicator</td>
<td>N</td>
<td>Not used in EANCOM</td>
</tr>
</tbody>
</table>

Example: MEA+PD+AAA+GRM:567'  Weight 567 grams

30 QTY QUANTITY

One mandatory occurrence per despatch advice line to specify the number of units despatched. Additional occurrences (up to a maximum of 10 per line) may optionally be used to give other quantities relevant to the delivery.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>M/N</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>C186</td>
<td>QUANTITY DETAILS</td>
<td>M</td>
<td>12 = despatch quantity</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>21 = ordered quantity</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>70 = cumulative quantity delivered to date, up to but not including this delivery</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>83 = backordered quantity: the quantity from the original order which will remain outstanding after this delivery</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>182 = cancelled quantity: if the outstanding quantity cannot be supplied</td>
</tr>
<tr>
<td>+ 6063</td>
<td>Quantity qualifier</td>
<td>M</td>
<td>12 = despatch quantity</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>21 = ordered quantity</td>
</tr>
<tr>
<td>: 6060</td>
<td>Quantity</td>
<td>M</td>
<td>Number of units</td>
</tr>
<tr>
<td>: 6411</td>
<td>Measure unit qualifier</td>
<td>N</td>
<td>Not used in this application</td>
</tr>
</tbody>
</table>

Example: QTY+12:20'  20 copies to be despatched
Segments 31 to 33 (DLM, DTM, FTX) are not used in this application

SG16 RFF-DTM

Segment group SG16: only RFF segment 34 is used in this application

34 RFF REFERENCE

One optional occurrence to give the buyer’s order line reference.

<table>
<thead>
<tr>
<th>C506</th>
<th>REFERENCE</th>
<th>M</th>
<th>an..3</th>
</tr>
</thead>
<tbody>
<tr>
<td>+ 1153</td>
<td>Reference qualifier</td>
<td>M</td>
<td>an..3</td>
</tr>
</tbody>
</table>

: 1154 Reference number M an..35
: 1156 Line number D an..6
: 4000 Reference version number N

Example:

RFF+LI:96056789'

Buyer’s order line reference 96056789

Segments 35 to 47 (DTM, LOC-DTM-QTY, PCI-DTM-MEA-QTY-GIN-DLM-HAN, QVR-DTM) (SG17 to SG23) are not used in this application
**48 CNT CONTROL TOTAL**

At least one occurrence per message is recommended, to send a control total of the number of line items

- **C270 CONTROL**
  - **+ 6069 Control qualifier**  
    - M  
    - an..3  
    - 1 = total value of QTY segments in the message (sum of DE 6060’s from all occurrences of QTY segment 30)
    - 2 = number of line items (LIN segments) in the message

- **: 6066 Control value**  
  - M  
  - n..18  
  - Control total sent as an integer without leading zeros and without decimal point

- **: 6411 Measure unit qualifier**  
  - N  
  - Not used in this application

**Example:**

CNT+2:4'

**49 UNT MESSAGE TRAILER**

One mandatory occurrence per message

- **+ 0074 No of segments in message**  
  - M  
  - n..6  
  - Count includes the UNH and UNT segments

- **+ 0062 Message reference number**  
  - M  
  - an..14  
  - The reference number given here must be the same as that specified in the UNH segment

**Example:**

UNT+48+ME000678'  

48 segments in message reference number ME000678