

## **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.

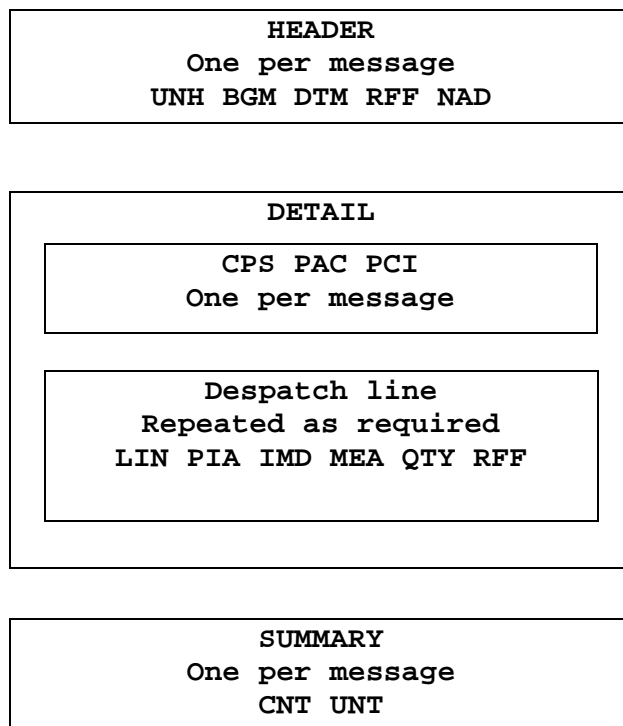
A DESADV message should in principle accurately reflect the content of the delivery to which it refers. In practice, discrepancies will sometimes arise when the despatch advice is generated before the order is picked - which is still a general book trade practice. Such discrepancies should be reconciled 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:



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'	Header
BGM+351+587441+9'	Despatch advice number
DTM+137:19970901:102'	Message date
DTM+11:19970902:102'	Despatch date
NAD+SU+5411234512300::9'	Supplier ID
NAD+BY+5412345000010::9'	Buyer ID
NAD+DP+5412345000132::9'	Delivery location
CPS+1'	CPS segment
PAC+3++PK'	Three packages
LIN+1'	Line 1
PIA+5+0123456789:IB'	ISBN
MEA+PD+HT+MMT:215'	Height 215 mm
MEA+PD+WD+MMT:134'	Width 134 mm
MEA+PD+TH+MMT:32'	Thickness 32 mm
QTY+12:120'	120 copies despatched
LIN+2'	Line 2
PIA+5+012387654X:IB'	ISBN of item despatched
PIA+4+0123467022:IB'	ISBN of item ordered
MEA+PD+HT+MMT:215'	Height 215 mm
MEA+PD+WD+MMT:134'	Width 134 mm
MEA+PD+TH+MMT:32'	Thickness 32 mm
QTY+12:10'	10 copies despatched
CNT+2:2'	Control total: 2 line items
UNT+24+ME000567'	Trailer: 24 segments

**T.7.5 DESPATCH ADVICE MESSAGE SUBSET FOR BOOK DESPATCH ADVICES**

<b>1</b>	<b>UNH MESSAGE HEADER</b>			<b>One mandatory occurrence per message</b>
+ 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.
	<b>S009 MESSAGE IDENTIFIER</b>	M		
+ 0065	Message type identifier	M	an..6	DESADV = despatch advice
:	0052 Message type version no	M	an..3	D
:	0054 Message type release no	M	an..3	96A = EDIFACT Directory D.96A
:	0051 Controlling agency	M	an..2	UN = agency responsible
:	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'

<b>2</b>	<b>BGM BEGINNING OF MESSAGE</b>			<b>One mandatory occurrence per message</b>
	<b>C002 DOCUMENT/MESSAGE NAME</b>	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.

<b>C507</b>	<b>DATE/TIME/PERIOD</b>	M			
+ 2005	Date/time/period qualifier	M	an..3		11 = despatch date (CCYYMMDD) 63 = delivery date, latest (CCYYMMDD) 137 = message date (CCYYMMDD)
:	2380 Date/time/period	M	an..35		Date in prescribed format
:	2379 Date/time/period format code	M	an..3		102 = code for CCYYMMDD date format

**Example:**

DTM+137:19960820:102'

**SG01 RFF-DTM**

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.

<b>C506</b>	<b>REFERENCE</b>	M			
+ 1153	Reference qualifier	M	an..3		Code values for this application to be determined: see EDItEUR Code List 1153
:	1154 Reference number	M	an..35		
:	1156 Line number	N			Not used in EANCOM
:	4000 Reference version number	N			Not used in EANCOM

**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
	<b>C082 PARTY IDENTIFICATION</b>	D	
+ 3039	Party identification code	D	an..17
: 1131	Code list qualifier	N	
: 3055	Code list responsible agency	D	an..3

BY = buyer  
 DP = delivery party: use for the customer's delivery location  
 SU = supplier  
 The recommended practice is to use coded identification only, preferably an EAN location code, or failing that an alternative industry standard code  
 EAN location code - format n13; or other mutually agreed code  
 Not used in EANCOM  
 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	<b>NAME AND ADDRESS</b>	N	
	<b>C080 PARTY NAME</b>	D	
+ 3036	Party name	D	an..35
: 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
	<b>C059 STREET</b>	D	
+ 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	<b>City name</b>	D	an..35

Not used in EANCOM  
 Name and address are sent as structured text only if no ID code is used (DE 3039)  
 Party name in clear text  
 Continuation lines if required  
 Not used in this application  
 Building name and/or number and street name, and/or P O Box number  
 Continuation lines if required  
 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
	<b>C202 PACKAGE TYPE</b>	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	<b>Marking instructions, coded</b>	M	an..3	Mandatory in EANCOM: 33E= marked with serial shipping container code (EAN code)
	<b>C210 MARKS &amp; LABELS</b>	M		Composite C210 is mandatory in this application
+ 7102	Shipping marks	M	an..35	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		
: 7102	Shipping marks	N		
: 7102	Shipping marks	N		
+ 8275	<b>Container/package status code</b>	N		Not used in EANCOM
+ C827	<b>TYPE OF MARKING</b>	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

**27 PIA ADDITIONAL PRODUCT ID**

One occurrence may be used to give (a) the main product identification when this is not an EAN-13 article number, or (b) additional product identification, or (c) the identification of the product ordered when a substitute is being supplied.

<p>+ 4347 Product id function code</p> <p><b>C212 ITEM NUMBER ID</b></p> <p>+ 7140 Item number</p> <p>: 7143 Item number type, coded</p> <p>: 1131 Code list qualifier</p> <p>: 3055 Code list agency code</p> <p>+ <b>C212 ITEM NUMBER ID</b></p> <p>+ <b>C212 ITEM NUMBER ID</b></p> <p>+ <b>C212 ITEM NUMBER ID</b></p> <p>+ <b>C212 ITEM NUMBER ID</b></p>	<p>M an..3</p> <p>M</p> <p>M an..35</p> <p>M an..3</p> <p>N</p> <p>N</p> <p>D</p> <p>D</p> <p>D</p> <p>D</p>	<p>1 = additional identification of the product despatches                  4 = substituted for: use to identify the product originally ordered when the product despatched is a substitute                  5 = main identification of the product despatched, when not given by an EAN-13 article number in LIN segment 26</p> <p>Product number (eg ISBN)                  IB = ISBN                  EN = EAN-13 article number                  IM = ISMN (International Standard Music Number)                  IN = buyer's article number                  MF = manufacturer's article number: use for a publisher's product code which is not a recognised standard number                  SA = supplier's article number (not ISBN or EAN number)</p> <p>Not used in EANCOM</p> <p>Not used in this application: redundant, since DE 7143 implicitly specifies the code agency</p> <p>Further repeats of Composite C212 may be used where DE 4347 = 1 if there is more than one additional identification number. Where DE 4347 = 4 or 5, only one product number should be given.</p>
---	---	---

**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
	<b>C273   ITEM DESCRIPTION</b>	M		
+ 7009	Item description id	N		Coded description is not used in this application
: 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
	<b>C502   MEASUREMENT DETAILS</b>	M		Mandatory in this application
+ 6313	Measurement dimension, coded	M	an..3	Mandatory in this application AAA = unit net weight in gm HT = height: use for spine height in mm WD = width: use for cover or case width in mm TH = thickness: use for spine thickness in mm
: 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)*

<b>C174</b>	<b>VALUE/RANGE</b>	M		Mandatory in EANCOM
+ 6411	Measure unit qualifier	M	an..3	GRM = grams MMT = millimetres
: 6314	Measurement value	M	n..18	Mandatory in this application: enter as a whole number without leading zeros
: 6162	Range minimum	N		Not used in this application
: 6152	Range maximum	N		Not used in this application
: 6432	Significant digits	N		Not used in EANCOM
+ <b>7383</b>	<b>Surface/layer indicator</b>	N		Not used in EANCOM

**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.**

<b>C186</b>	<b>QUANTITY DETAILS</b>	M		
+ 6063	Quantity qualifier	M	an..3	12 = despatch quantity 21 = ordered quantity 70 = cumulative quantity delivered to date, up to but not including this delivery 83 = backordered quantity: the quantity from the original order which will remain outstanding after this delivery 182 = cancelled quantity: if the outstanding quantity cannot be supplied
: 6060	Quantity	M	n..15	Number of units
: 6411	Measure unit qualifier	N		Not used in this application

**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.**

<b>C506 REFERENCE</b>		M		
+ 1153 Reference qualifier		M	an..3	LI = buyer's order line reference (from RFF segment 51, DE 1154, in the buyer's ORDERS message) ON = buyer's order message number (from BGM segment 2, DE 1004, in the relevant ORDERS message)
: 1154 Reference number		M	an..35	
: 1156 Line number		D	an..6	Line sequence number from buyer's order message if DE 1153 = ON
: 4000 Reference version number		N		Not used in EANCOM

**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**

<b>C270 CONTROL</b>	M	
+ 6069 Control qualifier	M	an..3
: 6066 Control value	M	n..18
: 6411 Measure unit qualifier	N	

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  
 Control total sent as an integer without leading zeros and without decimal point  
 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
+ 0062 Message reference number	M	an..14

Count includes the UNH and UNT segments  
 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