

## T.5 USING THE PURCHASE ORDER CHANGE FOR ORDER CANCELLATIONS

### T.5.1 PRINCIPLES

In book trade distribution, the only use of the EANCOM purchase order change message is to enable a buyer to request the cancellation of an outstanding order: see section T.1.4.

One purchase order change message may be used to request cancellation of outstanding items from one or more original orders. Each cancellation line item must therefore be fully identified by references given at line level.

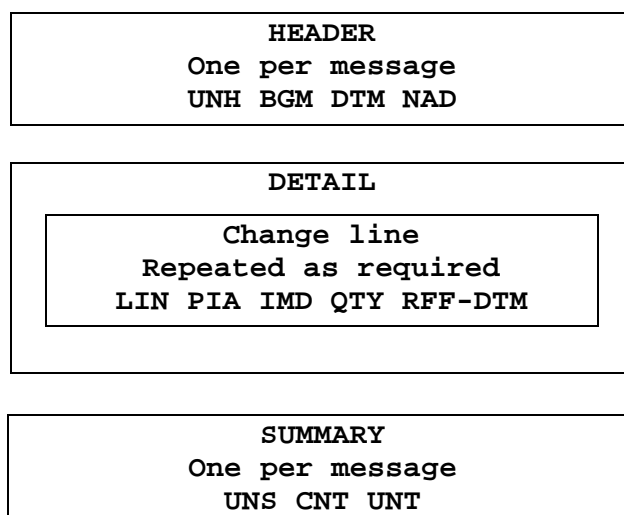
The supplier is expected to respond to a cancellation by sending an order response message accepting the cancellation or indicating why it cannot be accepted (because the item has already been despatched, or because the order itself cannot be traced).

### T.5.2 EDIFACT DIRECTORY

The version of the purchase order change message adopted by EDItEUR is EANCOM ORDCHG Version 005, taken from the 1997 release of the EANCOM message set, based on EDIFACT Directory D.96A.

### T.5.3 MESSAGE STRUCTURE

The structure of the purchase order change 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 names the sender and addressee.

The **detail** section consists of a group of six segments which together constitute a single cancellation line. The LIN segment carries the line sequence number, and may carry an EAN-13 article number identifying the product which is being cancelled. If, as is more usual, the product is identified by an

ISBN, the PIA segment is used to carry the number. The IMD segment may optionally be used to carry product description in plain text, though this is unnecessary if the cancelled item is unambiguously identified by product code and order references. Similarly, the QTY segment may be used to give the quantity ordered (and now cancelled), but this is normally unnecessary. The segment pair RFF-DTM gives references to the cancelled order line and its date.

The **summary** section carries control totals and repeats the unique identification of the message for purposes of integrity checking.

#### T.5.4 EXAMPLE OF A BOOK ORDER CANCELLATION MESSAGE

The example below shows a message carrying one cancellation line. To make it 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. In practice, an EDIFACT message is sent as a continuous data string, without carriage returns between segments.

In this example the line item is identified by a buyer's unique order line reference LI and the date of order, and the ISBN and quantity are both given.

UNH+OC00579+ORDCHG:D:96A:UN:EAN005'	Header
BGM+230+C966004+1'	Order cancellation no C966004
DTM+137:19961002:102'	Message date 2 October 1996
NAD+BY+5412345000176::9'	Buyer's EAN code
NAD+SU+4012345000094::9'	Supplier's EAN code
LIN+1+2'	Line 1: cancellation
PIA+5+1565921550:IB'	ISBN as product identification
QTY+21:2'	Two copies ordered
RFF+LI:0528837'	Order line reference 0528837
DTM+171:19960714:102'	Order date 14 July 1996
UNS+S'	Trailer
CNT+2:1'	No of line items = 1
UNT+13+OC00579'	No of segments = 13

### T.5.5 PURCHASE ORDER CHANGE SUBSET FOR BOOK ORDER CANCELLATIONS

<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. 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	ORDCHG = purchase order change
: 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+ME001234+ORDCHG: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	230 = order change
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list agency code	M		Not used in this application
: 1000	Document/message name	O	an..35	Optional, since the message type is fully identified by the code in DE 1001
+ 1004	Document/message number	M	an..35	Order response number assigned by document sender: mandatory in EANCOM
+ 1225	Message function, coded	M	an..3	1 = cancellation
+ 4343	Response type, coded	N		Not used in this application

**Example:**

BGM+230+C960634+1'

Order change no C960654, cancellation

**3 DTM DATE/TIME/PERIOD One mandatory occurrence per message, to give the message date**

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

**Example:**

DTM+137:19960820:102'

Segments 4 to 8 (PAI, ALI, FTX, RFF-DTM) (SG01) are not used in this application

**SG03 NAD-LOC-SG04-SG06 Each occurrence of segment group SG03 identifies a party to the transaction and may give other linked information. In this application, only NAD segment 9 is used.**

**9 NAD NAME AND ADDRESS Two mandatory occurrences per message, to show sender and recipient.**

+ 3035	Party qualifier	M	an..3	BY = buyer SU = supplier
<b>C082</b>	<b>PARTY IDENTIFICATION</b>	D		Recommended practice is to use coded identification only, preferably an EAN code
+ 3039	Party identification code	D	an..17	EAN location code - format n13; or other mutually agreed code
: 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

/continued

**9 NAD NAME AND ADDRESS** *(continued)*

+ <b>C058</b>	<b>NAME AND ADDRESS</b>	N		Composite C058 is not used in EANCOM
	<b>C080</b>	<b>PARTY NAME</b>	D	Name and address are sent as structured text only if no ID code is used (DE 3039)
+ 3036	Party name	D	an..35	Party name in clear text
: 3036	Party name	D	an..35	Continuation lines if required
: 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</b>	<b>STREET</b>	D	
+ 3042	Street & number/P O Box	D	an..35	Building name and/or number and street name, and/or P O Box number
: 3042	Street & number/P O Box	D	an..35	Continuation lines if required
: 3042	Street & number/P O Box	D	an..35	
+ <b>3164</b>	<b>City name</b>	D	an..35	City or town name in clear text
+ <b>3229</b>	<b>Country sub-entity ID</b>	D	an..9	County, state, province in clear text
+ <b>3251</b>	<b>Postcode</b>	D	an..9	Postal code
+ <b>3207</b>	<b>Country, coded</b>	D	an..3	ISO 3166 two-alpha code

**Examples:**

NAD+BY+5034567876543::9'	Buyer
NAD+SU+5098765432189::9'	Supplier

Segments 10 to 38 (LOC-RFF-CTA-COM, TAX-MOA, CUX-DTM, PAT-DTM-PCD-MOA, TDT-LOC, TOD-LOC, ALC-ALI-DTM-QTY-RNG-PCD-RNG-MOA-RNG-RTE-RNG-TAX-MOA) (SG04 to SG19) are not used in this application

**SG26** LIN-PIA-IMD-QTY-.....-SG37-SG41-SG47

Each occurrence of segment group SG26 represents one order cancellation line, referring to one outstanding order line.

**39** LIN LINE ITEM

One mandatory occurrence per cancellation line. In this application the LIN segment is used only to carry the line sequence number and an EAN-13 article number if used.

+ 1082	Line item number	M	n..6	Line sequence number, starting at one and incremented by one for each successive line (within the present message, NOT related to any previous message)
+ 1229	Action request/notification	M	an..3	2 = delete (ie cancel)
	<b>C212 ITEM NUMBER ID</b>	D		Used in this application only if an EAN-13 article number identifies the cancelled item
+ 7140	Item number	D		EAN-13 article number
: 7143	Item number type, coded	D		EN = EAN: used if DE 7140 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+5+2'

Line no 5

LIN+12+2+9780571166244:EN'

Line no 12, EAN article no 9780571166244

**40 PIA ADDITIONAL PRODUCT ID**

May occur once or twice in each cancellation line, coded 1 or 5 in DE 4347, to give the ISBN or other identification of the cancelled item.

+ 4347	Product id function code	M	an..3	1 = additional identification 5 = product identification (use for the ISBN or other non-EAN product code if it is the only identification of the item)
	<b>C212 ITEM NUMBER ID</b>	M		
+ 7140	Item number	M	an..35	Product number (eg ISBN)
: 7143	Item number type, coded	M	an..3	IB = ISBN IM = ISMN (International Standard Music Number) IN = buyer's item number MF = manufacturer's article number (not ISBN, EAN or other standard number) SA = supplier's article number (not ISBN, EAN or other standard number)
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list agency code	D		Not used in this application
+ C212	ITEM NUMBER ID	D		Further repeats of Composite C212 may be used where DE 4347 = 1, if there is more than one additional identification number. Where DE 4347 = 5, only one product number should be given.
+ C212	ITEM NUMBER ID	D		
+ C212	ITEM NUMBER ID	D		
+ C212	ITEM NUMBER ID	D		

**Examples:**

PIA+1+0571166245:IB'

ISBN as additional identification

PIA+5+0224027646:IB'

ISBN as sole identification

**41        IMD   ITEM DESCRIPTION**

**Optional: may be repeated as desired (up to a maximum of 99 occurrences) to give a brief free-text description of the item. Not required in a cancellation line provided that unique coded references are given to the order line and to the item ordered.**

+ 7077	Item description type code	M	an..3	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	N		Not used in EANCOM
+ 7383	Surface layer indicator code	N		Not used in EANCOM

**Example:**

IMD+F+BST+:::Williams/They came from SW19'

**Segment 42 (MEA) is not used in this application**

**43        QTY   QUANTITY**

**Optional: one occurrence per cancellation line may be used to give the quantity ordered, or the quantity outstanding (and now cancelled). Not required provided that unique coded references are given to the order line and to the item ordered.**

	<b>C186   QUANTITY DETAILS</b>	M		
+ 6063	Quantity qualifier	M	an..3	21 = ordered quantity
: 6060	Quantity	M	n..15	83 = backorder quantity: use for quantity outstanding as a backorder or 'due'
: 6411	Measure unit qualifier	N		Number of copies ordered, sent as an integer without leading zeros or decimal point
				Not used in this application

**Example:**

QTY+21:1'

One copy ordered

Segments 44 to 50A (DTM, MOA, GIN, QVR, FTX, PRI-CUX-DTM) (including SG30) are not used in this application

**SG31 RFF-DTM** Up to 10 repeats of segment group SG31 per order cancellation line may be used to give references and associated dates required to identify the order line item.

**51 RFF REFERENCE** One mandatory occurrence per repeat of SG28

<b>C506 REFERENCE</b>	M		
+ 1153 Reference qualifier	M	an..3	LI = buyer's order line reference (from RFF segment 51 in purchase order message) ON = buyer's purchase order number (from BGM DE 1004 in purchase order message): may be accompanied by line sequence number in DE 1156
: 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

**52 DTM DATE/TIME/PERIOD (of reference)** One optional occurrence per repeat of SG31

<b>C507 DATE/TIME/PERIOD</b>	M		
+ 2005 Date/time/period qualifier	M	an..3	171 = date of reference given in the linked RFF segment (CCYYMMDD)
: 2380 Date/time/period	M	an..35	Date in prescribed form
: 2379 Date/time/period format code	M	an..3	102 = qualifier for CCYYMMDD date format

**Example:**

DTM+171:19960820:102 ' Reference date 20 August 1996

Segments 53 to 79 (PAC-PCI-RFF-DTM-GIN, LOC-QTY-DTM, TAX-MOA, NAD-CTA-COM, ALC-ALI-DTM-QTY-RNG-PCD-RNG-MOA-RNG-RTE-RNG-TAX-MOA, TDT) (SG32 to SG47) are not used in this application

