

T.4 USING THE PURCHASE ORDER RESPONSE FOR ORDER RESPONSES & REPORTS

T.4.1 PRINCIPLES

The purchase order response message may be used to enable a supplier:

- (a) To respond to new orders sent as EDI purchase order messages,
- (b) To report changes in the status of outstanding orders which affect the expected date or terms of supply,
- (c) To respond to order status enquiry messages sent as order chasers,
- (d) To respond to purchase order change messages sent to cancel outstanding orders, or
- (e) In certain circumstances, to notify discrepancies between a despatch advice and the actual despatch.

T.4.1.1 Responding to a new order

EDItEUR recommended practice for responding to a new EDI order is that:

- (a) No purchase order response should be sent in respect of order lines which can be supplied in full within a normal delivery cycle and on terms consistent with the customer's order and the partners' trading agreement. These lines will appear in either a delivery notification or an invoice message.
- (b) As soon as possible after receipt of an order message, and in any event within the normal delivery cycle, an order response message, coded 34 in BGM DE 1225, and referencing the order message in RFF segment 7, should be sent listing all lines which cannot be supplied in full within a normal delivery cycle and on terms consistent with the customer's order and the parties' trading agreement. This includes but is not necessarily limited to:

Lines which cannot be supplied at all
 Lines which can only be supplied in part
 Lines where another ISBN has been substituted
 Lines where a different quantity has been substituted (by rounding to packs)
 Lines where the price stated in the order is incorrect (even if the correct price is within agreed tolerances for supply)
 Lines where the payment terms or discount stated in the order are not accepted
 Lines logged wholly or partly as dues

For items in any of these categories, the response should be immediate. For items on which there is a query at the supplier's end (eg on terms), the response may be delayed, since it may still be possible to resolve the query in time for the items to be supplied within the normal delivery cycle. If the query remains unresolved by the time that other items from the order are despatched, a response should be sent using the status code TH ("temporary hold"). The effect of this is that at time of despatch all order lines will have been accounted for to the customer, as despatched, unavailable, or on temporary hold.

- (c) Where an entire order message cannot be accepted, eg because there is a query on the customer's account, an order response message should be sent which responds only at message level, and which does not carry any line detail. In this case, the order response message is coded 27 in BGM DE 1225.
- (d) Where an entire order message cannot be processed because of unrecognisable or incorrect data content, no EDI response is possible, and the problem must be taken up by person-to-person contact.

T.4.1.2 Reporting on outstanding items

While an order line remains outstanding, further reports may be sent to the customer (as lines in an order response message coded 4 in BGM DE 1225) if there have been changes in the availability status, expected availability date, or price. Such reports may be sent on a regular periodic basis agreed between trading partners or, preferably, whenever changes occur. Some changes (eg a price increase or an excessively long postponement of a publication date) may mean that the supplier can no longer meet the terms of the order or the tolerances stated in the trading agreement, so that the outstanding item must be cancelled.

T.4.1.3 Responding to an order chaser

If reports are sent consistently on changes to the status of outstanding orders, there may be no need for EDI order chasers. If, however, trading partners have agreed to set up an EDI order chasing process, the order status enquiry message may be used for this purpose. The response to an order chaser is an order response message coded 11 in BGM DE 1225, referencing the order chaser message in RFF segment 7, and listing all lines from the incoming message.

T.4.1.4 Responding to an order cancellation

If the buyer sends a purchase order change message requesting the cancellation of one or more outstanding order lines, the response should be an order response message coded 11 in BGM DE 1225, referencing the order cancellation message in RFF segment 7, and listing all lines from the incoming message.

T.4.1.5 Notifying discrepancies between a delivery notification and an actual despatch

In many publishers' systems, delivery notifications are generated from the computer before the orders are picked in the warehouse. In this event, there may be discrepancies, in the form of the omission of whole order lines, between the delivery notification and the content of the despatch. It is often the practice for the warehouse to generate what is effectively an "internal order" for the missing line. This will then be processed in such a way as to generate a credit against the invoice (if an invoice has already been issued) and an order response, which will still reference the original order.

T.4.1.6 Items already despatched or not traceable

In order chasers and order cancellations, it is possible that either an accident of timing or an error on the customer's side may mean that one of these message types turns out to include an order line which has already been despatched, or which cannot be traced. Codes are provided in LIN segment 39 to handle each of these cases.

T.4.1.7 Product substitution

When a supplier substitutes a different product (eg a new edition) in place of the item which the customer ordered, an order response line must always be sent, even though the substitute item is available for immediate despatch. The response line notifies to the customer the product code for the substitute title (in PIA segment 40 coded 3 in DE 4347), and indicates either that the supplier is proceeding with the order by supplying the substitute item (action notification code 6 in LIN DE 1229) or that the present order is cancelled, awaiting a separate order from the customer for the substitute title (action notification code 7 in LIN DE 1229).

Assuming that the supplier is proceeding with the order, two cases then arise. If the ordered quantity of the substitute title is immediately available, it will be despatched and invoiced under its own product code but citing the original customer's order number, and no outstanding balance will be shown in the response line. There will be no availability status shown for the substitute title. If the ordered quantity is not immediately available, the outstanding balance of the substitute title will be shown, and the availability status of the outstanding balance will be given in FTX segment 48 coded LIN in DE 4451.

In either of these cases, the reason for the substitution can be shown by including the availability status of the title originally ordered as an FTX segment 48 coded CHG in DE 4451.

From this point on, all further exchanges relating to the order line should use the product code for the substitute title, while continuing to provide the fullest possible reference back to the customer's order.

T.4.2 CODING OF ORDER RESPONSE MESSAGES

There are three key levels of coding in an order response message.

T.4.2.1 Header level: BGM segment

At the header level, the whole message must be coded in BGM segment 2, DE 1225. At this level, only three code values are used in book supply:

- 4 Change: use when responding to an order or order change, or when reporting changes in the status of outstanding orders. The message may include both changed and cancelled lines.
- 11 Response: use when responding to an order chaser. The message may include unchanged, changed and cancelled lines.

- 27 Not accepted: use only in the event that an entire order message is rejected. No detail lines are sent in the response message.

T.4.2.2 Line level: LIN segment

Each order response line must carry a code in LIN segment 39, DE 1229, to indicate the action which the supplier is taking on the order line. The code values used in book supply order responses are:

- 2 Cancelled: order line cancelled by the supplier.

An example of the use of this code is where the ordered title is “out of print”.

- 5 *Accepted without amendment: order line accepted by the supplier for immediate supply on the terms specified in the order.*

Since EDItEUR recommends that order lines which are accepted for immediate supply without amendment should not be included in an ORDRSP message, code 5 should be used only by agreement between trading partners who wish to exchange order responses which list all order lines.

- 24 Accepted with change: the order line is recorded, and the supplier will proceed without further confirmation from the buyer. Any changes reported must fall within tolerances agreed between the trading partners.

Code 24 would typically be used where the current price of the ordered title exceeds the price stated in the order line, but the increase is within an agreed tolerance, or where the ordered title is no longer available but the supplier will send a successor edition. Code 24 is also used when the line contains a status report on an outstanding order sent in response to an order chaser, not as a result of a change in status or supplier action.

One additional code value is used only in a response to an order cancellation or order chaser:

- 10 Not found: the supplier has no record of the order line in question.

T.4.2.3 Line level: availability status code, FTX segment

Each order response line (except in lines coded 5 in LIN segment 39, DE 1229, if sent) must carry a code in FTX segment 48 to indicate the availability status of the ordered title, and hence the reason why the ordered item cannot be supplied or a change is being reported. Where a substitute item is offered, but is not immediately available, a second occurrence of the FTX segment may indicate the availability status of the substitute.

There is no absolute link between availability status and the order action which is coded in LIN segment 39, DE 1229. The following tables are, however, typical of book trade practice. The first column indicates the action code in DE 1229 which, in an ORDRSP message responding to a new order, is most likely to be associated with the availability status code in the second column.

EDItEUR code list 8B: Publisher's report code

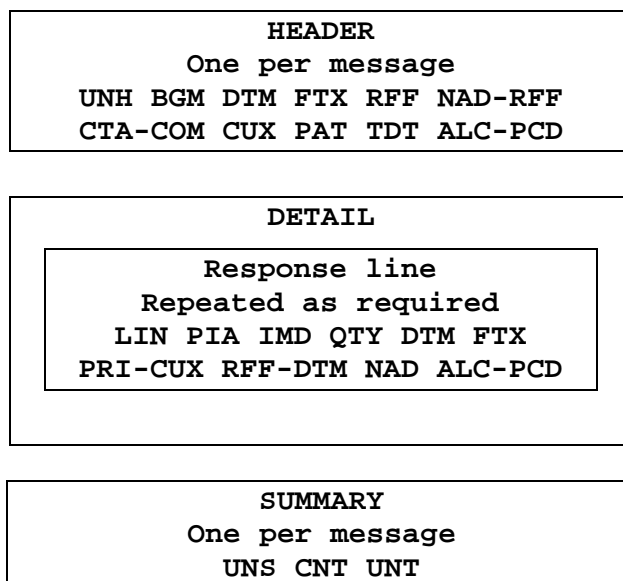
2	AB	Publication abandoned
2	AD	Apply direct: item not available to trade
2	AS	Already supplied
2	CS	Status uncertain: check with customer service (used in situations when a coded response is inadequate)
2	DQ	Discount query: available, but discount claimed in order is unacceptable (to be accompanied by discount terms which supplier is prepared to offer)
2	HK	Paperback out of print: hardback available
	IP	In print and in stock: <i>not used in ORDRSP messages</i>
24	MD	Manufactured on demand
2	NK	Item not known (cannot be traced)
24	NP	Not yet published
2	NS	Not sold separately
2	OF	This format out of print: other format available
2	OP	Out of print
2, 24	OR	Out of print: (to be) replaced by new edition: <i>code in DE 1229 depends on availability of new edition</i>
2	PK	Hardback out of print: paperback available
2	PQ	Price query: available, but query whether price is acceptable (normally used when actual price exceeds price quoted in order by more than an agreed margin)
2, 24	RE	Awaiting reissue: <i>code in DE 1229 depends on availability of reissue</i>
2	RF	Refer to other publisher or distributor
2	RM	Remaindered
2	RR	Rights restricted: cannot supply
2	SO	Pack not available: available as single items only
24	ST	Stocktaking: temporarily unavailable
24	TH	Temporary hold: definitive response is delayed, eg while a query on terms of supply is investigated
24	TO	Only to order
24	TU	Temporarily unavailable, but expected to be available again (including "reprinting")
2	UC	Unavailable, and may or may not become available again (including "reprint under consideration")

T.4.3 EDIFACT DIRECTORY

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

T.4.4 MESSAGE STRUCTURE

The structure of the purchase order response message as used for this application is depicted below:



The **header** section specifies the message type, and gives the message a unique identification and date. The FTX segment is used only when rejecting a whole order, to give a coded reason for rejection. The RFF-DTM segment pair is used to quote the order, order chaser, or order cancellation message number when responding to a specific message, and may be used for other references. The NAD-RFF-CTA-COM group identifies buyer and supplier and other parties related to the order. For international trade, the CUX segment specifies the pricing currency. The PAT segment may indicate special payment terms offered or accepted by the supplier. The TDT segment may be used to confirm a particular method of delivery. The ALC-PCD segment pair may specify a discount rate which the supplier will give on the whole order.

The **detail** section consists of a group of thirteen segments which together make up an order response line. The LIN segment carries the line number within the message and an action notification code, and may carry an EAN-13 article number (barcode number). The PIA segment carries the ISBN or any other product identifiers. The IMD segment may carry a short author/title description, though users may find this unnecessary when a product code has been given in LIN or PIA. The QTY segment gives the order quantity, and may give the quantity to be supplied immediately and/or the outstanding amount recorded as a backorder or 'due'. The FTX segment carries coded text giving the availability status of the ordered item. The PRI-CUX segment pair specifies the unit price on which supply will be based, and may also give a price in an alternative currency. The RFF segment is used to identify the line item by reference to the buyer's original order, and may give other references which apply to the line item only. The NAD segment can be used to specify a different supplier when the availability status is "refer to other supplier". The ALC-PCD segment pair may show a discount rate which the supplier will give on the line item.

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

T.4.5 EXAMPLES OF A BOOK ORDER RESPONSE MESSAGE

To make these examples 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.

Example 1: responding to a new order accepted with amendments

In this example, three order lines are listed: the first is not yet published, and dues are recorded; the second is out of print, and the order is not accepted; and the third is a substitution, with the new edition available for immediate supply.

UNH+ME001234+ORDRSP:D:96A:UN:EAN005'	Header
BGM+231+R967634+34'	Order response no R967634
DTM+137:19961028:102'	Message date 28 October 1996
RFF+ON:PO28837'	Buyer's order no PO28837
DTM+171:19961025:102'	Order date 25 October 1996
NAD+BY+5412345000176::9'	Buyer's EAN code
NAD+SU+4012345000094::9'	Supplier's EAN code
LIN+1+6'	Line 1: accepted with amendment
PIA+5+0316907235:IB'	ISBN as product identification
QTY+21:2'	Two copies ordered
QTY+83:2'	Two copies recorded as dues
DTM+44:19961120'	Expected 20 November 1996
FTX+LIN++NP:8B:28'	Not yet published
PRI+AAE:15.99::SRP'	Suggested retail price 15.99
RFF+ON:PO28837:5'	Order reference and line number
ALC+A'	Discount
PCD+3:37.5'	Discount percentage 37.5
LIN+2+5'	Line 2: not accepted
PIA+5+0856674427:IB'	ISBN as product identification
QTY+21:1'	One copy ordered
FTX+LIN++OP:8B:28'	Out of print
RFF+ON:PO28837:8'	Order reference and line number
LIN+3+6'	Line 3: accepted with amendment
PIA+5+0870701436:IB'	ISBN as product identification
PIA+3+0870701428:IB'	ISBN of substitute to be supplied
QTY+21:1'	One copy ordered
FTX+LIN++OP:8B:28'	Ordered item is out of print
PRI+AAE:25::SRP'	Suggested retail price 25.00
RFF+ON:PO28837:9'	Order reference and line number
ALC+A'	Discount
PCD+3:37.5'	Discount percentage 37.5

Example 1 (continued)

UNS+S '
 CNT+2:3 '
 UNT+34+ME001234 '

Trailer
 No of line items = 3
 No of segments = 34

Example 2: responding to a new order, not accepted

In this example, the whole order is rejected because the customer account has been stopped.

UNH+ME001235+ORDRSP:D:96A:UN:EAN005 '
 BGM+231+R967635+27 '
 DTM+137:19961028:102 '
 FTX+GEN++ACS:9B '
 RFF+ON:H67209 '
 DTM+171:19961024:102 '
 NAD+BY+5412345000176::9 '
 NAD+SU+4012345000094::9 '

Header
 Order response no R967635
 Message date 28 October 1996
 Account on stop
 Buyer's order no H67209
 Order date 24 October 1996
 Buyer's EAN code
 Supplier's EAN code

UNS+S '
 CNT+2:0 '
 UNT+11+ME001235 '

Trailer
 No of line items = 0
 No of segments = 11

T.4.6 PURCHASE ORDER RESPONSE SUBSET FOR BOOK ORDER RESPONSES

1	UNH MESSAGE HEADER			One mandatory occurrence per message
+ 0062	Message reference no	M	an..14	Sender's unique message reference. By convention, incorporates a sequence number of the message within the interchange.
	S009 MESSAGE IDENTIFIER	M		
+ 0065	Message type identifier	M	an..6	ORDRSP = order response
: 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+ORDRSP: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	231 = purchase order response
: 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	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

/continued

2 BGM BEGINNING OF MESSAGE *(continued)*

+ 1225	Message function, coded	M	an..3	4 = change: use when responding to an order or order change, or when reporting changes in the status of outstanding orders 11 = response: use when responding to an order chaser (OSTENQ) or order cancellation (ORDCHG) 27 = not accepted: use when rejecting an entire order, eg because there is a query on the customer's account: ORDRSP message carries no detail (see FTX segment 6)
+ 4343	Response type, coded	N		Not used in this application

Examples:

BGM+231+R967634+4'	Order response message no R967634, order accepted with change
BGM+231+534222+27'	Order response message no 534222, order rejected

3 DTM DATE/TIME/PERIOD

One mandatory occurrence per message, to give the message date

	C507 DATE/TIME/PERIOD	M		
+ 2005	Date/time/period qualifier	M	an..3	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'	Message date 20 August 1996
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Segments 4 (PAI) and 5 (ALI) are not used in this application

6 FTX FREE TEXT

One occurrence only in an order response coded 27 in BGM DE 1225, rejecting a whole order. Use EDItEUR code list 4441:9B to indicate the reason for rejection. This segment is not used in any other type of book trade order response.

+ 4451	Text subject qualifier	M	an..3	GEN = coded or free text which qualifies the whole order
+ 4453	Text function, coded	N		Not used in this application
C107	TEXT REFERENCE	M		References to standard text
+ 4441	Free text, coded	M	an..3	ACN = credit account not established (EDItEUR code) ACS = account on stop (EDItEUR code): credit orders not accepted due to non-payment
:	1131 Code list qualifier	M	an..3	9B: mandatory in this application
:	3055 Code list agency code	M	an..3	28 = EDItEUR: mandatory in this application
C108	TEXT LITERAL	D		Composite C108 may be used for free text explaining the code in DE 4441
+ 4440	Free text	D	an..70	
:	4440 Free text	D	an..70	
:	4440 Free text	D	an..70	
:	4440 Free text	D	an..70	
:	4440 Free text	D	an..70	
+ 3453	Language, coded	N		Not used in this application

Examples:

FTX+GEN+3+ACS:9B:28'

Account on stop

SG01 RFF-DTM

Segment group SG01: one occurrence per message responding to a specific order or order chaser, to give the message number (ON or AAV in DE 1153). May also be used (up to a maximum of 10 occurrences per order response message), for other references applying to the message as a whole, eg contract or promotion number. Not used in a message reporting on changes in the status of a number of outstanding orders.

7 RFF REFERENCE One mandatory occurrence per SG01

C506 REFERENCE	M		
+ 1153 Reference qualifier	M	an..3	CT = contract number ON = order number: use for an order message number from ORDERS BGM DE 1004 OSE = order status enquiry number (EAN code): use for an order chaser message number from OSTENQ BGM DE 1004 PD = promotional deal number
: 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:10654' Order number 10654

8 DTM DATE/TIME/PERIOD One optional occurrence per SG01, to give the date of the referenced document

C507 DATE/TIME/PERIOD	M		
+ 2005 Date/time/period qualifier	M	an..3	171 = date of reference (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+171:19960820:102' Reference date 20 August 1996

SG03 NAD-SG04-SG06 Each occurrence of SG03 identifies a party to the transaction and may give other linked information. In this application, there will be two mandatory occurrences per message, to show buyer and supplier, and up to two additional occurrences to show a delivery address and an invoicing address if these are different from the buyer's address.

9	NAD NAME AND ADDRESS			One mandatory occurrence per repeat of SG03
+ 3035	Party qualifier	M	an..3	BY = buyer DP = delivery party, if different from buyer IV = invoicee, if different from buyer SU = supplier
	C082 PARTY IDENTIFICATION	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
+ C058	NAME AND ADDRESS	N		Composite C058 is 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	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	
	C059 STREET	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	
+ 3164	City name	D	an..35	City or town name in clear text
+ 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

/continued

9 NAD NAME AND ADDRESS (continued)

Example:

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

Buyer and supplier identified by EAN location numbers

Segment 10 (LOC) is not used in this application

SG04 RFF

Segment group SG04: EANCOM uses only the RFF segment

11 RFF REFERENCE

One optional occurrence per repeat of segment group SG03, giving the VAT or other tax registration number of the party named in the linked NAD segment

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

VA = VAT registration number
 Other code values to be defined as required
 Not used in EANCOM
 Not used in EANCOM

Example:

RFF+VA:123456789'

VAT number 123456789

SG06 CTA-COM

Each occurrence of SG06 identifies a contact at the organisation named in the linked NAD segment. In this application, use is limited to one occurrence to give a contact name and/or number for the person or department dealing with the order at the supplier. Either CTA or COM may be sent without the other; normally both would be sent.

12 CTA CONTACT INFORMATION

Optionally one occurrence in SG06

+ 3139	Contact function, coded	M	an..3	SU = supplier contact
	C056 DEPT OR EMPLOYEE DETAILS	M		
+ 3413	Department or employee ID	N	an..17	Not used in this application
: 3412	Department or employee	M	an..35	Department or employee name in plain text

Example:

CTA+OC+:P Garcia'

Order contact name

13 COM COMMUNICATION CONTACT

Optionally up to five occurrences in SG06, eg to give phone, fax and email numbers

	C076 COMMUNICATION CONTACT	M		
+ 3148	Communication number	M	an..512	International phone and fax numbers should begin with the country code
: 3155	Communication channel code	M	an..3	EM = electronic mail TE = telephone XF = X400 FX = FAX (telefax) TL = telex

Example:

COM+?+44 181 892 9109:FX'

FAX number + 44 181 892 9109 (note the use of the ? release character to indicate that the second + sign is not a delimiter)

Segments 14 and 15 (SG07) are not used in this application

SG08 CUX-DTM

Segment group SG08: only CUX segment 16 is used in this application

16 CUX CURRENCIES

Required in international trading, otherwise optional: one occurrence per message to show the default currency in which prices in the order response are given

C504	CURRENCY DETAILS	M		
+ 6347	Currency details qualifier	M	an..3	2 = reference currency
: 6345	Currency, code	M	an..3	ISO 4217 three-alpha code
: 6343	Currency qualifier	M	an..3	9 = order currency
: 6348	Currency rate base	N		Not used in EANCOM
+ C504	CURRENCY DETAILS	N		The repeat of composite C504 is not used in this application
+ 5402	Rate of exchange	N		Not used in this application
+ 6341	Currency market exchange	N		Not used in this application

Example:

CUX+2:GBP:9'

Order currency is pounds sterling

Segment 17 (DTM) is not used in this application

SG09 PAT-DTM-PCD-MOA

Segment group SG09: only PAT segment 18 is used in this applications

18 PAT PAYMENT TERMS BASIS

One occurrence may be used to specify extended payment terms accepted or offered by the supplier for the whole order. Where special payment terms apply, RFF segment 7 should carry a contract or promotion number.

+ 4279	Payment terms type	M	an..3	1 = basic: standard terms 7 = extended: special terms
+ C110	PAYMENT TERMS	N		Composite C110 is not used in EANCOM
	C112 TERMS/TIME INFORMATION	M		
+ 2475	Payment time reference code	M	an..3	5 = date of invoice
: 2009	Time relation, coded	M	an..3	3 = after reference
: 2151	Type of period, coded	M	an..3	D = day
: 2152	Number of periods	M	n..3	Number of periods (days) for payment

Examples:

PAT+7++5:3:D:60'

Payment 60 days after date of invoice

Segments 19 to 21 (DTM-PCD-MOA) are not used in this application

SG10	TDT-SG11			Segment group SG10: only TDT segment 22 is used in EANCOM
22	TDT DETAILS OF TRANSPORT			One optional occurrence per order response message is used to specify a transport method
+ 8051	Transport stage qualifier	M	an..3	20 = main carriage transport
+ 8028	Conveyance reference no	N		Not used in this application
+ C220	MODE OF TRANSPORT	N		Composite C220 is not used in EDItEUR applications. <i>Note that this composite is optional in EDIFACT but "required" in EANCOM. A change request has been submitted to EAN to make it optional in EANCOM.</i>
	C228 TRANSPORT MEANS	D		Composite C228 is used to specify a method of delivery.
+ 8179	Type of means of transport ID	D	an..8	25 = rail express 52 = mail express 31 = truck 53 = surface mail 34 = road parcel express 54 = accelerated surface mail 41 = air freight 55 = air mail 42 = surface air lifting 56 = printed matter/book post 43 = air express 101 = courier express 51 = parcel post
: 8178	Type of means of transport	D	an..17	
	C040 CARRIER	D		Composite C040 is used only to specify a named carrier
+ 3127	Carrier identification	N		Not used in this application
: 1131	Code list qualifier	N		Not used in this application
: 3055	Code list agency code	N		Not used in this application
: 3128	Carrier name	D	n..35	
+ 8101	Transit direction, coded	N		Not used in this application
+ C401	EXCESS TRANSPORTATION	N		Composite C401 is not used in EANCOM
+ C222	TRANSPORT IDENTIFICATION	N		Composite C222 is not used in this application

Example:

TDT+20++41'

Requested method of shipment is air freight

Segments 23 to 38 (LOC, TOD-LOC, ALC-ALI-DTM-QTY-RNG-PCD-RNG-MOA-RNG-RTE-RNG-TAX-MOA) (SG12 and SG 19) are not used in this application

SG26	LIN-PIA-IMD-MEA-.....-SG37-SG41-SG47	Each repeat of segment group SG26 (up to a theoretical maximum of 200,000 per order response message) represents one order response line.
39	LIN LINE ITEM	One mandatory occurrence per order response line. In this application the LIN segment is used only to carry the line sequence number, or the line sequence number and an EAN-13 article number, and a code indicating the nature of the response.
+ 1082	Line item number	M n..6 Line sequence no, starting at one and incremented by one for each successive line
+ 1229	Action request/notification	M an..3 Permitted values are 2, 5, 10, 24: see section T.4.2.2 for details of usage.
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
: 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+5+24'

Line no 5, product identified by ISBN in PIA segment 40, order line accepted with amendment

LIN+5+2+5012345008791:EN'

Line no 5, EAN article number, line cancelled

40 PIA ADDITIONAL PRODUCT ID

Optionally, one or more occurrences (up to a theoretical maximum of 25 per order line) 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) identification of a substitute for the product ordered.

<p>+ 4347 Product ID function code</p> <p>C212 ITEM NUMBER ID</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>+ C212 ITEM NUMBER ID</p> <p>+ C212 ITEM NUMBER ID</p> <p>+ C212 ITEM NUMBER ID</p> <p>+ C212 ITEM NUMBER ID</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 (for the ordered item): use when the PIA segment carries an identifier which is additional to the main product identifier (eg a supplier's own code sent in addition to the ISBN or EAN number)</p> <p>3 = ID of a substitute which can or will be supplied in place of the item ordered</p> <p>5 = main product identification: use when the PIA segment carries the main product code (normally the ISBN)</p> <p>Product number (eg ISBN)</p> <p>IB = ISBN</p> <p>EN = EAN-13 article number</p> <p>IM = ISMN (International Standard Music Number)</p> <p>IN = buyer's item number</p> <p>MF = manufacturer's article number (not ISBN, EAN or other standard number)</p> <p>SA = supplier's article number (not ISBN, EAN or other standard 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 or 3, if there is more than one additional identification number or more than one ID for a single substitute. Where DE 4347 = 3 or 5, only one product number should be given.</p>
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Example:

PIA+5+0856674427:IB'

ISBN as main product identification

41 IMD ITEM DESCRIPTION

Optional: one occurrence may be used to give a brief description of the ordered item. Not usually considered necessary in trade order responses.

+ 7077	Item description type code	M	an..3	F = free-form
+ 7081	Item characteristic code	M	an..3	BST = short author/title description
	C273 ITEM DESCRIPTION	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'

Segment 42 (MEA) is not used in this application

43 QTY QUANTITY

Up to 3 occurrences per order line to give quantities ordered, despatched, and outstanding

	C186 QUANTITY DETAILS	M		
+ 6063	Quantity qualifier	M	an..3	12 = despatch quantity: use for quantity which will be despatched immediately or has been despatched to date in respect of this item 21 = ordered quantity 83 = backorder quantity: use for outstanding quantity, recorded as a 'due'
:	6060 Quantity	M	n..15	
:	6411 Measure unit qualifier	N		Not used in this application

Example:

QTY+21:1' One copy ordered
QTY+83:1' One copy recorded as due

44 DTM DATE/TIME/PERIOD

One optional occurrence per order response line, to give the availability date if required in association with the availability status code in FTX segment 48, or the despatch date if the ordered item has already been despatched

C507	DATE/TIME/PERIOD		M		
+ 2005	Date/time/period qualifier		M	an..3	11 = date when item was despatched (CCYYMMDD) 44 = expected availability date (CCYYMMDD or CCYYMM)
:	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 610 = code for CCYYMM date format

Example:

DTM+44:199701:610'

Expected to be available January 1997

Segments 45 to 47 (MOA, GIN, QVR) are not used in this application

48 FTX FREE TEXT

One mandatory occurrence in all order response lines, giving the availability status of the ordered item. A second occurrence may be used to report simultaneously on the ordered item and on a substitute if the latter is not immediately available

+ 4451	Text subject qualifier	M	an..3	LIN = text applying to the line item: use for availability status of the ordered item SUB = text applying to a substitute (EDItEUR code): use for availability status of an item offered or to be supplied as a substitute, if it is not immediately available
+ 4453	Text function, coded	N		Not used in this application
	C107 TEXT REFERENCE	M		References to standard text
+ 4441	Free text, coded	M	an..3	Use EDItEUR code list 4441 8B
: 1131	Code list qualifier	M	an..3	8B = publisher's availability status code
: 3055	Code list agency code	M	an..3	28 = EDItEUR
	C108 TEXT LITERAL	D		Composite C108 may be used in association with a code from code list 4441: 8B if further explanation is needed
+ 4440	Free text	D	an..70	Mandatory if composite C108 is used
: 4440	Free text	D	an..70	Continuation lines if required
: 4440	Free text	D	an..70	
: 4440	Free text	D	an..70	
: 4440	Free text	D	an..70	
+ 3453	Language, coded	N		Not used in this application

Example:

FTX+LIN++NP:8B:28'

Not yet published

SG30 PRI-CUX-DTM

Segment group SG30 may optionally be used to state the price on which the supply of the ordered item will be based. The currency should only be specified if it is other than the pricing currency which applies to the message as a whole.

49 PRI PRICE DETAILS

One mandatory occurrence per repeat of SG30 to specify a unit price. In book supply, where the basis of an order is normally the publisher's fixed or suggested retail price, which may be quoted with or without tax where applicable, and with discounts and/or servicing charges applied thereafter, the most commonly expected coding of the PRI segment is:

DE 5125 = AAB or AAE DE 5375 = CA DE 5387 = SRP or RTP

However, coding in DE 5375 and 5387 is optional, and likely to be unnecessary in general trade practice.

C509 PRICE INFORMATION	M		
+ 5125 Price qualifier	M	an..3	AAA = calculation price net (the unit price which will actually be charged by the supplier excluding tax but including any allowances or charges) AAB = calculation price gross (the supplier's unit price excluding all taxes, allowances or charges) AAE = information price (including tax but excluding any allowances or charges) AAF = information price (including all taxes, allowances or charges)
: 5118 Price	D	n..15	Mandatory unless DE 5387 = FOC or NQT. Price, in the format NN.DD, where NN is an integer of up to 14 digits, and DD represents up to 4 decimal places. Non-significant zeros are not sent (eg 5.2 is sent, not 5.20 or 05.20).
: 5375 Price type, coded	O	an..3	Optional; the following code values may be used: CA = publisher's catalogue price DI = distributor's (ie bookseller's or agent's) price NE = not to exceed: use to set a limit where the price is not known (EDItEUR code) PV = provisional or estimated price: use if publisher's firm price is not known QT = quoted price

/continued

49 PRI PRICE DETAILS (continued)

: 5387	Price type qualifier	O	an..3	ABP = pre-payment price DPR = discount price FOC = free of charge (EDItEUR code) MBP = member price (EDItEUR code) NQT = price not known PRF = promotional price (EDItEUR code): as PRP, under retail price maintenance PRP = promotional price: suggested retail price during the limited period of a special promotion, eg a pre-publication price (not under retail price maintenance) RTP = retail price: unit price, subject to retail price maintenance SRP = suggested retail price: unit price, not subject to retail price maintenance
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Examples:

PRI+AAE:12.5::SRP'
 PRI+AAE:::FOC'

Suggested retail price = 12.50 in default currency, or in currency stated in CUX
 Line item is free of charge

50 CUX CURRENCIES

Use if and only if the price in PRI segment 49 is not in the default order currency

	C504 CURRENCY DETAILS	M		
+ 6347	Currency details qualifier	M	an..3	2 = reference currency
: 6345	Currency, code	M	an..3	ISO 4217 three-alpha code
: 6343	Currency qualifier	M	an..3	10 = pricing currency
: 6348	Currency rate base	N		Not used in EANCOM
+ C504	CURRENCY DETAILS	N		The repeat of composite C504 is not used in this application
+ 5402	Rate of exchange	N		Not used in this application
+ 6341	Currency market exchange	N		Not used in this application

Example:

CUX+2:BEF:10'

Price in accompanying PRI segment is in Belgian francs

50A DTM DATE/TIME/PERIOD

One optional occurrence per SG28, to give the expiry date if the price in the linked PRI segment is valid for a limited period only. *Segment 50A is not part of the EANCOM 1997 ORDRSP subset, but has been added following an EDItEUR change request. It is available for use now, but may not be included in standard EANCOM message tables from EDI software suppliers. It is included in the full EDIFACT D.96A ORDRSP message.*

C507	DATE/TIME/PERIOD		M		
+ 2005	Date/time/period qualifier		M	an..3	36 = expiry 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+36:19970831:102'

Expiry date 31 August 1997

SG31 RFF-DTM

Segment group SG31: only RFF segment 51 is used in this application

51 RFF REFERENCE

Optionally, up to 10 occurrences per order line may be used to give references which apply to the current line only

C506 REFERENCE		M		
+ 1153 Reference qualifier		M	an..3	ACT = claim number: use for sender's chaser line reference number (order status enquiry line number), when responding to an order chaser (OSTENQ) CR = customer reference number: ie a reference relating to the buyer's customer CT = contract number LI = line item reference number: assigned by buyer ON = order number: use for order message number, which may be accompanied by line sequence number in DE 1156 PD = promotional deal number
: 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

Examples:

RFF+LI:0528837'
RFF+ON:123456:5'

Buyer's line reference 0528837
Buyer's order message number 123456, line 5

Segments 52 to 62 (DTM, PAC-PCI-RFF-DTM-GIN, LOC-QTY-DTM, TAX-MOA) (SG32 to SG36) are not used in this application

SG37 NAD-SG40

Segment group SG37: only NAD segment 63 is used in this application

63 NAD NAME AND ADDRESS

One occurrence per order response line may be used to identify an alternative supplier when the availability status code in FTX DE 4441 so requires

+ 3035	Party qualifier	M	an..3	GZ = substitute supplier
	C082 PARTY IDENTIFICATION	A		Recommended practice is to use coded identification only, preferably an EAN code
+ 3039	Party identification code	M	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	M	an..3	9 = EAN
+ C058	NAME AND ADDRESS	N		Composite C058 is 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	M	an..35	Party name in clear text
: 3036	Party name	O	an..35	Continuation lines if required
: 3036	Party name	O	an..35	
: 3036	Party name	O	an..35	
: 3036	Party name	O	an..35	
: 3045	Name format, coded	N	an..3	
	C059 STREET	D		
+ 3042	Street & number/P O Box	M	an..35	Building name and/or number and street name, and/or P O Box number
: 3042	Street & number/P O Box	O	an..35	Continuation lines if required
: 3042	Street & number/P O Box	O	an..35	
+ 3164	City name	D	an..35	City or town name in clear text
+ 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+GZ+5087654321234::9'

Alternative supplier, as EAN location code

SG41 ALC-ALI-DTM-SG42-.....-SG45-SG46

Segment group SG41: one occurrence may be used to specify discount terms for the line item, if the price on which supply will be based is a fixed or suggested retail price. In this application, only ALC segment 66 and PCD segment 71 are used.

66 ALC ALLOWANCE OR CHARGE

One mandatory occurrence per segment group SG41, identifying the percentage in the linked PCD segments as an allowance

+ 5463	Allowance or charge qualifier	M	an..3	A = allowance
+ C552	ALLOWANCE/CHARGE INFO	N		Composite C552 is not used in this application
+ 4471	Settlement, coded	N		Not used in this application
+ 1227	Calculation sequence code	N		Not used in this application
C214	SPECIAL SERVICES ID	N		Composite C214 is not used in this application

Example:

ALC+A'

Allowance

Segments 67 to 70 (ALI-DTM-QTY-RNG) (SG42) are not used in this application

SG43 PCD-RNG

Segment group SG43: only PCD segment 71 is used in this application

71 PCD PERCENTAGE DETAILS

One occurrence per segment group SG41 if an allowance or charge is specified as a percentage of the line item value

C501	PERCENTAGE DETAILS	M		
+ 5245	Percentage qualifier	M	an..3	3 = allowance or charge
: 5482	Percentage	M	n..8	Percentage discount expressed as nn.ddd, without non-significant zeros, eg 35, 37.5
: 5249	Percentage basis, coded	N		Not used in this application
: 1131	Code list qualifier	N		Not used in EANCOM
: 3055	Code list agency code	N		Not used in EANCOM

Example:

PCD+3:37.5'

Discount is calculated as 37.5 percent of line item value

Segments 72 to 79 (RNG-MOA-RNG-RTE-RNG-TAX-MOA) (SG44 to SG47) are not used in this application

80 UNS SECTION CONTROL One mandatory occurrence per message

+ 0081 Section identification M a1 S = Detail/summary section separator

Example:

UN S+S'

Segment 81 (MOA) is not used in this application

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

C270 CONTROL	M		
+ 6069 Control qualifier	M	an..3	1 = total value of QTY segments in the message (sum of DE 6060's from QTY segment 43) 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'

83 UNT MESSAGE TRAILER One mandatory occurrence per message

+ 0074 No of segments in messagev	M	n..6	Count includes the UNH and UNT segments
+ 0062 Message reference number	M	an..14	The reference number here must be the same as that shown in the UNH segment

Example:

UNT+48+ME001234'