

## L.5 USING THE PURCHASE ORDER RESPONSE FOR ORDER RESPONSES AND REPORTS

### L.5.0 CHANGES FROM VERSION 1.1

- Page L-5-5 References to the use of the IMD segment to send enhanced bibliographic data from library to bookseller as part of an order message have been removed.
- Page L-5-7 A substantial portion of Section L.5.3 has been deleted since more detailed explanation has been added to the EDItEUR website.
- Page L-5-10 A message structure table for the full EDIFACT ORDRSP message has been added.
- Page L-5-14 Corrections have been made to certain DTM, FTX and RFF segments in Example 1.
- Page L-5-15 New examples 3 and 4 have been added.
- Page L-5-18 BGM segment 2, DE 1001: code value 23C has been added.
- Page L-5-24 RFF segment 11, DE 1153: code value IA has been added.
- Page L-5-27 LIN segment 39, DE 1229: code values 4 and 5 have been added, as well as detailed explanation of all codes.
- Page L-5-28 PIA segment 40, DE 4347: code value 1S has been added.  
PIA segment 40, DE 7143: code value EN has been added.
- Page L-5-29 PIA segment 40, repeats of Composite C212: notes have been amended to cover the full set of values for DE 4347.
- Page L-5-30 IMD segment 41: specification has been revised to be consistent with consolidated EDItEUR codes for DE 7081; full up-to-date code lists have been added.
- Page L-5-34 QTY segment 43, DE 6063: code value 46 has been added.
- Page L-5-36 GIR segment 46A: the specification has been revised (note in particular DE 7297).
- Page L-5-37 A full code list for the GIR segment has been added to make the specification self-contained. The code list has been extended, and definitions have been changed and expanded.
- Page L-5-39 FTX segment 48, DE 1131: deleted code list 1B, 7B; added code list 12B and extended code list 8B, which now incorporates 7B.
- Page L-5-40 Tables of values from code lists 8B and 12B for FTX segment 48 have been added.
- Page L-5-44 PRI segment 49, DE 5125: code value ORD has been added.
- Page L-5-45 PRI segment 49, DE 5387: new EDIFACT code ABC replaces old EDItEUR code MBP.
- Page L-5-48 RFF segment 51, DE 1153: deleted reference to EDILIBE codes for bibliographic sources. Code value IA has been added.
- Page L-5-49 LOC segment 58 and QTY segment 59 revised to clarify how these segments are used to specify delivery locations, as distinct from GIR, which may specify library location detail independently from delivery location. Code values 8 and 20 have been added in LOC.
- Page L-5-51 NAD segment 63 is now defined only for sending details of the person or department originating an order line, or of an alternative supplier for the order line, since non-default delivery addresses will always use LOC-QTY.
- Page L-5-53 TDT segment 79, composite C220: text has been amended to confirm EAN acceptance of change; DE 8179, code value 31 has been deleted; examples have been corrected.

## L.5.1 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 the status of outstanding orders, either whenever there is a significant change in status, or at regular intervals as agreed between trading partners,
- (c) Particularly in UK public library supply, to report copy- or part-order-related data arising from the processing of an order,
- (d) To respond to order status enquiry messages sent as order chasers, or
- (e) To respond to purchase order change messages sent to cancel or amend outstanding orders

In library book supply, order responses to individual order lines which were originally sent as part of a single ORDERS message may be widely scattered over time. By the same token, a single ORDRSP message may carry a collection of responses to order lines which were originally sent on a range of different dates.

For this reason it is a fundamental principle that individual order lines and their corresponding response lines should be wholly self-contained and should carry a unique reference so that they can be matched regardless of the message in which they are now, or were originally, carried.

### L.5.1.1 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 an invoice message. However, it is open to trading partners to agree that ALL order lines should be answered by an order response line.
- (b) As soon as possible after receipt of an order message, and in any event within the normal delivery cycle, one or more order response messages should be sent, which together list 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 definition includes:

Lines which cannot be supplied at all

Lines which can only be supplied in part

Lines where another title will be substituted or is offered for substitution

Lines where the price stated in the order is incorrect (even if the correct price is within agreed tolerances for supply)

Lines recorded wholly or partly as backorders or 'dues'

The intention is that at or before the time of despatch all order lines will be accounted for to the customer, as despatched and invoiced, cancelled through unavailability, or recorded as "dues" for later supply.

- (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.

- (d) Where an entire order message cannot be processed because of unrecognisable or incorrect data content, no EDI response is sent, and the problem must be taken up by person-to-person contact.

### L.5.1.2 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, 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 order line must be placed on hold to await confirmation that the customer still wishes to proceed with the order. Some changes (eg a notification from the publisher that the item has now been placed out of print) may mean that the supplier must cancel the outstanding order line.

### L.5.1.3 Reporting copy- or part-order-related data

A special case of reporting on an order which is in process arises in UK public library supply, and may arise elsewhere, when part of the processing which is undertaken by the supplier results in the allocation of copy- or part-order-related data (eg accession number, classification, location) which must be sent electronically in advance of despatch and invoicing. (“Part-order” means a quantity of copies within a single order line which have common characteristics and/or servicing requirements – typically a number of copies which are destined for the same branch and shelving location.)

Suppliers may use an ORDRSP message (coded 23C in BGM DE 1001) to transmit copy- or part-order-related information electronically to the customer to be loaded into the library system.

There are two ways in which the GIR segment may be used:

- (a) For individual copy-related data, each GIR segment refers to a single copy, identified by a three-digit copy sequence number 001, 002 etc.
- (b) For part-order-related data, each GIR segment refers to a “part-order”, identified by an alphanumeric part order sequence number L01,L02 etc, and typically listing the accession numbers for every copy in the part-order, accompanied by other information which is common to all the copies.

#### Examples:

##### *Copy-related data*

```
GIR+001+1000453:LAC+398:LCL+JON:LFS+NHIS:LFN+BB:LLO'
```

##### *Part-order-related data*

```
GIR+L01+100001:LAC+100002:LAC+930.45:LCL+NFIC:LFN+AN:LLO'
```

```
GIR+L02+100003:LAC+100004:LAC+930.45:LCL+NFIC:LFN+BB:LLO'
```

Two copies in each part-order, the part-orders being destined for two different locations, but having the same class mark etc.

#### **L.5.1.4 Responding to an order chaser or claim**

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 (OSTENQ) may be used for this purpose. The response to an order chaser (or claim for missing items) is an order response message listing all lines from the incoming message with details of their current status. See also section L.5.1.6.

#### **L.5.1.5 Responding to an order change or cancellation**

A buyer's purchase order change message may, depending on the agreement between the trading partners, include acceptance of changes notified by the supplier, notification of changes requested by the buyer to outstanding order lines, and cancellation of outstanding order lines. No response is required in respect of:

- (a) Change lines accepting a change previously notified by the supplier, or
- (b) Change lines cancelling an outstanding order line and accepted by the supplier.

Change lines requesting a change initiated by the buyer should be answered by an order response line showing the action taken by the supplier. See also section L.5.1.6.

#### **L.5.1.6 Items already despatched or not traceable**

In order chasers and order changes, 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, DE 1229, to handle each of these cases.

#### **L.5.1.7 Product substitution**

When a supplier proposes to substitute 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 that the supplier is proceeding with the order line by supplying the substitute item, or that the order line is held awaiting the buyer's agreement to the substitution, or that the order line is cancelled, awaiting a new order from the customer for the substitute title. The supplier's action will depend on the trading agreement between the parties. See section L.5.3 for details of the coding used for each of these cases.

Assuming that the supplier is proceeding with the order, two further 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 line number, and no outstanding balance will be shown in the response line. No report is sent on the availability status of the substitute.

If the ordered quantity is not available, the quantity to be shipped and the outstanding balance of the substitute product will be shown in the response line, and the availability status of the outstanding balance will be given in an 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 in 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 refer back to the customer's original order line number.

## L.5.2 CONTENT

The key elements of content in the ORDRSP message for ordered titles which are not available for immediate supply are:

- (a) A unique identification of the order line.
- (b) A unique identification of the ordered title.
- (c) In certain defined circumstances only, a bibliographic description of the ordered title.
- (d) Codes indicating the availability status and order action.
- (e) The quantity ordered, and (if part of the order is available now) the quantity which can be supplied, and the quantity recorded for later supply.
- (f) The confirmed unit price, if the order is capable of being supplied.
- (g) References for the order line.

The key elements of content in the ORDRSP message for reporting copy- or part-order-related data are:

- (a) A unique identification of the order line.
- (b) A unique identification of the ordered title.
- (c) The quantity to be supplied.
- (d) The information required for each copy or part-order (see L.5.1.3).
- (e) References for the order line.

### L.5.2.1 Identification of the order line

Each book order line in an order response message must be uniquely and explicitly identified by the customer-assigned reference which was sent in the ORDERS message in RFF segment 51, DE 1154, code LI (“buyer’s order line number”), or LCO (“library’s continuation order number”, in continuation order messages) in DE 1153. See also section L.5.2.8.

### L.5.2.2 Identification of the ordered title

The ordered title must be identified exactly as in the buyer’s order line (see section L.4.1.3), except that if the order line did not include an ISBN or other product code, the supplier should if possible add it to the order response.

### L.5.2.3 Bibliographic description

Bibliographic description should not be sent as part of an order response line unless the order line identified the ordered item by description only, and the supplier is unable to provide a product code for the item.

Where bibliographic description is included in an ORDRSP message, it should be given in a series of repeats of IMD segment 41.

#### L.5.2.4 Order action

At a very broad level, the order action for each order line is encoded in LIN segment 39, DE 1229, which is mandatory in EANCOM. However, EDItEUR has developed a very precise encoding for order action and for reporting on the status of outstanding order lines, as EDItEUR code list 12B, which is carried in FTX segment 48, DE 4441.

#### L.5.2.5 Availability status

The availability status is encoded in FTX segment 48, DE 4441, and the status code(s) may be accompanied by additional explanation in DE 4440. The code values which may be used in DE 4441 are those given in EDItEUR code list 13B, which combines and replaces the former codes lists 7B and 8B.

Where the availability status is linked to a date when the title is expected to become available, this date should be given in DTM segment 44, DE 2380, with the code value 44 in DE 2005.

**Examples:**

FTX+LIN++OP:13P:28'	Out of print
FTX+LIN++NP:13B:28'	Not yet published
DTM+44:199506:610'	Available June 1995

#### L.5.2.6 Quantities ordered, supplied, outstanding etc

Relevant quantities are specified in QTY segment 43, DE 6060. In this application the quantity is always a number of units or pieces, and DE 6411 is not used.

When ORDRSP is used to respond to an order message, the following conventions will apply.

For single copy orders it is obvious that the order either can or cannot be supplied in full, and the only quantity which need be stated in the order response in the latter event is the quantity ordered.

Where several copies are ordered, the situation may be any one of the following:

- (a) All can be supplied immediately: no order response is needed.
- (b) None can be supplied immediately, and the ordered quantity may or may not be obtainable. An order response is sent, showing "order recorded" or "order cancelled". The only quantity which need be stated in the order response is the quantity ordered.
- (c) Part of the order can be supplied immediately, and the balance may or may not be obtainable. In this case, the order response must show the quantity ordered, the quantity which can be supplied, and the balance outstanding; and in respect of the balance, whether it is obtainable. The order response is coded 3 in LIN segment 39, DE 1229, as a change which requires customer authorisation, unless the trading partner agreement allows part supply as a default, or the order line was coded to indicate that part supply was acceptable.

When ORDRSP is used to report on an outstanding order, part of which has already been delivered, the quantity already despatched can also be shown.

When ORDRSP is used to send copy- or part-order-related data, the quantity or quantities stated will depend on the status of the order. If the original order is being supplied in full, only the quantity ordered need be stated. If only part of the order is being supplied, the line item should show the quantity now to be supplied (and to which the data refers), and should preferably also confirm the overall status of the order in terms of quantity ordered, quantity supplied to date, and quantity still outstanding.

### **L.5.2.7 Price**

The supplier's unit price should be confirmed in the order response message. If the price exceeds the customer's expected price by more than an agreed tolerance, the order response is coded 3 in LIN segment 39, DE 1229, as a change which requires customer authorisation.

### **L.5.2.8 References in ORDRSP**

The essential reference in an order response line is the buyer's unique identification of the order line to which it relates (see section L.5.2.1). This must be given in RFF segment 51, DE 1154, coded LI in DE 1153. The supplier may also send a supplier's order line reference, coded SLI in DE 1153.

If the order was based on a QUOTES message, a reference to the quotation line may be given in a similar way, with the code QLI in DE 1153.

A library fund number may be referenced with the code BFN in DE 1153.

## **L.5.3 CODING OF ORDER RESPONSE MESSAGES**

There are three key levels of coding in an order response message: in the header, at line level in the LIN segment, and at line level in the FTX segment.

### **L.5.3.1 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 library book supply:

- 4 Change: use when responding to an order or order change, or when reporting changes in the status of outstanding orders, or when sending copy- or part-order-related data in a message coded 23C in BGM segment 2, DE 1001. 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.

### **L.5.3.2 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. This data element is mandatory in EANCOM. However, the codes available in FTX segment 48 provide a much more exact statement of order action, and are to be preferred, at the cost of some redundancy. The code values used in library book supply are:

- 2 Cancelled: order line cancelled by the supplier.  
An example of the use of this code is where the supplier no longer has stock of the ordered title, and the publisher has reported it "out of print".

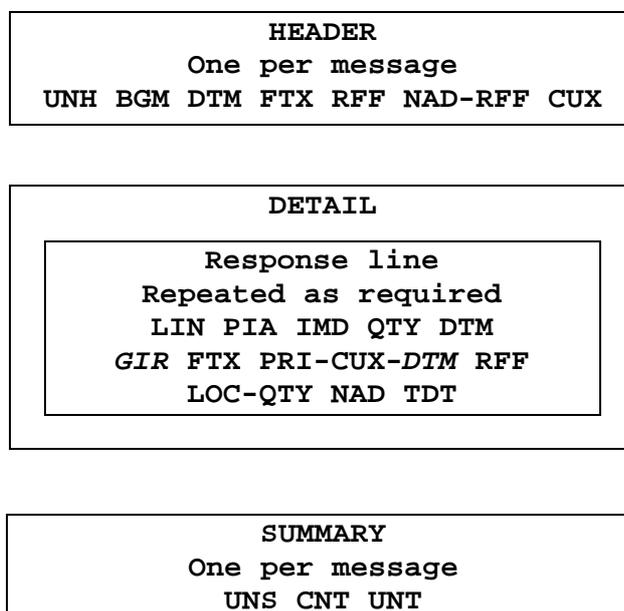
- 3 Change requested by the supplier: the order line is recorded and held awaiting the buyer's confirmation that the change is accepted.
- Code 3 would typically be used where the current price of the ordered title exceeds the price stated in the order line by more than an agreed tolerance, or where the ordered title is no longer available but the supplier offers a successor edition or other substitute.
- 4 No action: order line is unchanged by this message.
- Use in all lines of a copy-related data report message coded 23C in BGM segment 2, DE 1001); and in those lines of a status report on outstanding orders where there has been no change in status, and the order line is still held.
- 5 *Accepted without amendment: the order line is accepted exactly as sent.*
- Code 5 is used only if trading partners agree that they will reply explicitly to ALL order lines, not just to those which cannot be supplied exactly as requested.*
- 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 the 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 offers a substitute which was specified as acceptable in the order line.
- One additional code value may be used only in a response to an order change, order cancellation, or order chaser:
- 10 Not found: the supplier has no record of the order line in question.

#### **L.5.4 EDIFACT DIRECTORY**

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

### L.5.5 MESSAGE BLOCK DIAGRAM

The broad 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 and RFF segments are used only when rejecting a whole order message, to give a coded reason for rejection, and the order message number, respectively. The NAD-RFF segment pair identifies buyer and supplier and other parties related to the order. For international trade, the CUX segment specifies the pricing currency.

The **detail** section consists of a group of fifteen 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 bibliographic description, though this should not normally be sent in an order response. 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'. In certain special applications, the GIR segment may carry copy-related data. The FTX segment carries coded text giving the availability status of the ordered item. The PRI-CUX-DTM group specifies the unit price on which supply will be based, and may also give a price in an alternative currency. The RFF segment must identify the line item by reference to the buyer's original order line number, and may give other references which apply to the line item only. The NAD segment can be used to specify parties specifically related to the order line. The TDT segment may indicate the transport method to be used to deliver the line item.

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

### L.5.6 ORDRSP MESSAGE STRUCTURE

The table on the next four pages shows the complete EANCOM ORDRSP message structure. Shaded segments and segment groups are NOT used in the EDItEUR implementation for library book supply.

The first column identifies the segment or segment group. The second column shows the EANCOM segment number. The third column shows the status of the segment or segment group in EDIFACT terms (NOT specifically for the EDItEUR application). In this column, letter M means “mandatory if the segment group to which the segment belongs is used”. Letter C means “conditional”, or not mandatory. The fourth column shows the maximum number of occurrences of the segment in each occurrence of the segment group to which it belongs.

**Header**

	<i>Seg no</i>	<i>Status</i>	<i>Repeats</i>	<i>Description</i>	
	UNH	1	M	1	MESSAGE HEADER
	BGM	2	M	1	Beginning of message
	DTM	3	M	35	Date/time/period
	PAI	4	C	1	Payment instructions
	ALI	5	C	5	Additional information
	FTX	6	C	99	Free text
[ ]	SG01		C	10	RFF-DTM
	RFF	7	M	1	Reference
	DTM	8	C	5	Date/time/period
[ ]	SG03		C	99	NAD-LOC-SG04-SG06
	NAD	9	M	1	Name and address
	LOC	10	C	25	Place/location identification
[ ]	SG04		C	10	RFF
	RFF	11	M	1	Reference
[ ]	SG06		C	5	CTA-COM
	CTA	12	M	1	Contact information
	COM	13	C	5	Communication contact
[ ]	SG07		C	5	TAX-MOA
	TAX	14	M	1	Duty/tax/fee details
	MOA	15	C	1	Monetary amount
[ ]	SG08		C	5	CUX-DTM
	CUX	16	M	1	Currencies
	DTM	17	C	5	Date/time/period
[ ]	SG09		C	10	PAT-DTM-PCD-MOA
	PAT	18	M	1	Payment terms basis
	DTM	19	C	5	Date/time/period
	PCD	10	C	1	Percentage details
	MOA	21	C	1	Monetary amount

	SG10		C	10	TDT-SG11
	TDT	22	M	1	Details of transport
	SG11		C	10	LOC
	LOC	23	M	1	Place/location identification
	SG12		C	5	TOD-LOC
	TOD	24	M	1	Terms of delivery or transport
	LOC	25	C	2	Place/location identification
	SG19		C	15	ALC-ALI-DTM-SG20-SG21-SG22-SG23-SG24
	ALC	26	M	1	Allowance or charge
	ALI	27	C	5	Additional information
	DTM	28	C	5	Date/time/period
	SG20		C	1	QTY-RNG
	QTY	29	M	1	Quantity
	RNG	30	C	1	Range details
	SG21		C	1	PCD-RNG
	PCD	31	M	1	Percentage details
	RNG	32	C	1	Range details
	SG22		C	2	MOA-RNG
	MOA	33	M	1	Monetary amount
	RNG	34	C	1	Range details
	SG23		C	1	RTE-RNG
	RTE	35	M	1	Rate details
	RNG	36	C	1	Range details
	SG24		C	5	TAX-MOA
	TAX	37	M	1	Duty/tax/fee details
	MOA	38	C	1	Monetary amount

**Detail**

	SG26		C	200000	LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG30-SG31-SG32-SG35-SG36-SG37-SG41-SG47
	LIN	39	M	1	Line item
	PIA	40	C	25	Additional product id
	IMD	41	C	99	Item description
	MEA	42	C	5	Measurements
	QTY	43	C	10	Quantity
	DTM	44	C	35	Date/time/period
	MOA	45	C	10	Monetary amount
	GIN	46	C	1000	Goods identity number
	<i>GIR</i>	<i>46A</i>	<i>C</i>	<i>1000</i>	<i>Related identification numbers</i>
	QVR	47	C	1	Quantity variances
	FTX	48	C	99	Free text

	SG30		C	25	PRI-CUX
	PRI	49	M	1	Price details
	CUX	50	C	1	Currencies
	DTM	50A	C	5	Date/time/period
	SG31		C	10	RFF-DTM
	RFF	51	M	1	Reference
	DTM	52	C	5	Date/time/period
	SG32		C	10	PAC-SG34
	PAC	53	M	1	Package
	SG34		C	5	PCI-RFF-DTM-GIN
	PCI	54	M	1	Package identification
	RFF	55	C	1	Reference
	DTM	56	C	5	Date/time/period
	GIN	57	C	10	Goods identity number
	SG35		C	9999	LOC-QTY-DTM
	LOC	58	M	1	Place/location identification
	QTY	59	C	1	Quantity
	DTM	60	C	5	Date/time/period
	SG36		C	10	TAX-MOA
	TAX	61	M	1	Duty/tax/fee details
	MOA	62	C	1	Monetary amount
	SG37		C	99	NAD-SG40
	NAD	63	M	1	Name and address
	SG40		C	5	CTA-COM
	CTA	64	M	1	Contact information
	COM	65	C	5	Communication contact
	SG41		C	99	ALC-ALI-DTM-SG42-SG43-SG44-SG45-SG46
	ALC	66	M	1	Allowance or charge
	ALI	67	C	5	Additional information
	DTM	68	C	5	Date/time/period
	SG42		C	1	QTY-RNG
	QTY	69	M	1	Quantity
	RNG	70	C	1	Range details
	SG43		C	1	PCD-RNG
	PCD	71	M	1	Percentage details
	RNG	72	C	1	Range details
	SG44		C	2	MOA-RNG
	MOA	73	M	1	Monetary amount
	RNG	74	C	1	Range details

	SG45		C	1	RTE-RNG
	RTE	75	M	1	Rate details
	RNG	76	C	1	Range details
	SG46		C	5	TAX-MOA
	TAX	77	M	1	Duty/tax/fee details
	MOA	78	C	1	Monetary amount
	SG47		C	10	TDT
	TDT	79	M	1	Details of transport

**Summary**

UNS	80	M	1	SECTION CONTROL
MOA	81	C	12	Monetary amount
CNT	82	C	10	Control total
UNT	83	M	1	MESSAGE TRAILER

## L.5.7 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 line is cancelled; 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+4'	Order response no R967634
DTM+137:19971028:102'	Message date 28 October 1997
NAD+BY+5412345000176::9'	Buyer's EAN code
NAD+SU+4012345000094::9'	Supplier's EAN code
CUX+2:GBP:9'	Order currency: pounds sterling
LIN+1+24'	Line 1: order line recorded
PIA+5+0316907235:IB'	ISBN as product identification
QTY+21:2'	Two copies ordered
QTY+83:2'	Two copies recorded as dues
DTM+44:19971120:102'	Expected 20 November 1997
FTX+LIN++NP:8B:28'	Not yet published
PRI+AAE:15.99:CA:SRP'	Suggested retail price 15.99
RFF+LI:P28837'	Buyer's order line number
LIN+2+2'	Line 2: order line cancelled
PIA+5+0856674427:IB'	ISBN as product identification
QTY+21:1'	One copy ordered
FTX+LIN++OP:8B:28'	Out of print
RFF+LI:P28838'	Buyer's order line number
LIN+3+24'	Line 3: order line recorded
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:CA:SRP'	Suggested retail price 25.00
RFF+LI:P28846'	Buyer's order line number
UNS+S'	Trailer
CNT+2:3'	No of line items = 3
UNT+29+ME001234'	No of segments = 29

**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'	Header
BGM+231+R967635+27'	Order response no R967635
DTM+137:19971028:102'	Message date 28 October 1997
FTX+GEN++ACS:9B:28'	Account on stop
RFF+ON:H67209'	Buyer's order no H67209
NAD+BY+5412345000176::9'	Buyer's EAN code
NAD+SU+4012345000094::9'	Supplier's EAN code
UNS+S'	Trailer
CNT+2:0'	No of line items = 0
UNT+10+ME001235'	No of segments = 10

**Example 3: reporting copy-related data**

UNH+ME001236+ORDRSP:D:96A:UN:EAN005'	Header
BGM+23C+R967635+4'	Order response no R967635
DTM+137:20010624:102'	Message date 24 June 2001
NAD+BY+5412345000176::9'	Buyer's EAN code
NAD+SU+4012345000094::9'	Supplier's EAN code
LIN+1+4'	Line 1
PIA+5+00076511236:IB'	ISBN as product identification
QTY+21:3'	3 copies ordered
GIR+001+5346:LCO+1000431:LAC+FIC:LFN+AN:LLO'	Copy details for each copy
GIR+002+5347:LCO+1000432:LAC+FIC:LFN+AN:LLO'	
GIR+003+5348:LCO+1000433:LAC+FIC:LFN+BB:LLO'	
RFF+LI:0190045'	Buyer's order line number
LIN+2+4'	Line 2
PIA+5+0863183913:IB'	ISBN as product identification
QTY+21:1'	1 copy ordered
GIR+001+6210:LCO+1000434:LAC+FIC:LFN+BB:LLO+398:LCL'	Copy details for the copy
GIR+001+JON:LFS+14DAY:LLN'	Repeat as more than 5 items
RFF+LI:0190056'	Buyer's order line number
UNS+S'	Trailer
CNT+2:2'	No of line items = 2
UNT+21:ME001236'	No of segments = 21

**Example 4: reporting part-order-related data**

UNH+ME001345+ORDRSP:D:96A:UN:EAN005'  
 BGM+23C+F964312+4'  
 DTM+137:20010430:102'  
 NAD+BY+5412345000176::9'  
 NAD+SU+4012345000094::9'

Header  
 Order response no F964312  
 Message date 30 April 2001  
 Buyer's EAN code  
 Supplier's EAN code

LIN+1+4'  
 PIA+5+0007107781:IB'  
 QTY+21:4'  
 GIR+L01+214365:LAC+214366:LAC+DA:LLO+920:LCL+  
 SEC:LFS'  
 GIR+L01+NFIC:LFS'  
 GIR+L02+214367:LAC+214368:LAC+FG:LLO+920:LCL+  
 SEC:LFS'  
 GIR+L02+NFIC:LFS'  
 RFF+LI:0184364'  
 LOC+7+BR1::92'  
 QTY+11:2'  
 LOC+20+FG::92'  
 QTY+11:2'

Line 1  
 ISBN as product identification  
 4 copies ordered  
 Copy details for part-order

Buyer's order line number  
 Delivery to location BR1  
 2 copies (to BR1)  
 Ultimate destination = FG  
 2 copies (for FG)

UNS+S'  
 CNT+2:1'  
 UNT+20:ME001345'

Trailer  
 No of line items = 1  
 No of segments = 20

**L.5.8 PURCHASE ORDER RESPONSE SUBSET FOR BOOK ORDER RESPONSES**

<b>1</b>	<b>UNH MESSAGE HEADER</b>			<b>One mandatory occurrence per message</b>
+	<b>0062 Message reference no</b>	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	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
+	<b>0068 Common access reference</b>	N		Not used in EANCOM
+	<b>S010 Status of the transfer</b>	N		Not used in EANCOM

**Example:**

UNH+ME001234+ORDRSP:D:96A:UN:EAN005'

**2 BGM BEGINNING OF MESSAGE**

**One mandatory occurrence per message**

<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	M			
+ 1001	Document/message code	M	an..3		231 = purchase order response: use for responses to normal book orders and order chasers, and for status reports on outstanding orders 23C = copy-related data report: use when the ORDRSP message is used to confirm copy-related data which the supplier has applied to books during processing (EDItEUR code)
:	1131 Code list qualifier	N			Not used in EANCOM
:	3055 Code list agency code	D			28 = EDItEUR when an EDItEUR code is used in DE 1001
:	1000 Document/message name	O	an..35		Optional, since the message type is fully identified by the code in DE 1001
+ 1004	<b>Document/message number</b>	M	an..35		Order response number assigned by document sender: mandatory in EANCOM
+ 1225	<b>Message function, coded</b>	M	an..3		4 = change: use when responding to an order to report order lines which cannot be supplied immediately and/or in accordance with the terms expected by the customer. Unless otherwise agreed between trading partners, detail lines are sent only for items which cannot be supplied within a normal delivery time. Use also when reporting changes in the status of outstanding orders, or sending copy-related data reports coded 23C in DE 1001. 11 = response: use only when responding to an order chaser (OSTENQ) 27 = not accepted: use only when rejecting an entire order, eg because there is a query on the customer's account: the ORDRSP message carries no detail (see also FTX segment 6)
+ 4343	<b>Response type, coded</b>	N			Not used in this application

**Examples:**

BGM+231+R967634+4 '  
BGM+231+534222+27 '

Order response message no R967634, order accepted with changes  
Order response message no 534222, order rejected

**3 DTM DATE/TIME/PERIOD**

**One mandatory occurrence per message, to give the message date**

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

**Example:**

DTM+137:19960820:102'

Message date 20 August 1996

**Segments 4 (PAI) and 5 (ALI) are not used in this application**

**6 FTX FREE TEXT**

**One occurrence only in an order response message 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 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
<b>C107</b>	<b>TEXT REFERENCE</b>	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, eg because of non-payment
: 1131	Code list qualifier	M	an..3	9B = EDItEUR code list 9B, mandatory in this application
: 3055	Code list agency code	M	an..3	28 = EDItEUR, mandatory in this application
<b>C108</b>	<b>TEXT LITERAL</b>	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++ACS:9B:28'

Account on stop

**SG01 RFF-DTM**

**Segment group SG01: only RFF segment 7 is used in this application**

**7 RFF REFERENCE**

**One occurrence only in a message coded 4 or 27 in BGM segment 2, DE 1225, to give the message number of the order message or order change message to which the response is sent; or in a message coded 11, to give the message number of the order chaser or claim. Not used in a message coded 4 and reporting on the status of outstanding lines from a number of different order messages.**

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

ON = order number, from BGM segment 2, DE 1004, in the ORDERS message  
 OSE = order status enquiry message number (EAN code), from BGM segment 2, DE 1004, in the OSTENQ message: use when responding to an order chaser or claim  
 PP = order change message number, from BGM segment 2, DE 1004, in the ORDCHG message

Not used in EANCOM  
 Not used in EANCOM

**Example:**

RFF+ON:1234567'

Order number 1234567

**Segment 8 (DTM) is not used in this application**

**SG03 NAD-LOC-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 different from the buyer's address. Only NAD and RFF segments 9 and 11 are used in this application.

**9 NAD NAME AND ADDRESS**

One mandatory occurrence per repeat of SG03

+ 3035	<b>Party qualifier</b>	M	an..3	BY = buyer DP = delivery party, if different from buyer IV = invoicee, if different from buyer SU = supplier
	<b>C082 PARTY IDENTIFICATION</b>	D		If possible, use coded identification in composite C082, preferably an EAN code
+ 3039	Party identification code	D	an..17	Mandatory if composite C082 is used: 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	Mandatory if composite C082 is used 9 = EAN 31B = US SBN Agency, for US book trade SANs (Standard Address Numbers) (EDItEUR code) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer
+ C058	<b>NAME AND ADDRESS</b>	N		Composite C058 is not used in EANCOM
	<b>C080 PARTY NAME</b>	D		It is recommended that name and address are sent as structured text only if no ID code is used (DE 3039). Where text is used, a consistent form of each name and address should be adopted across all messages in which it appears.
+ 3036	Party name	D	an..35	Party name in clear text. Organisation names should be entered 'top down', ie with the name of the whole organisation first, followed by divisions or departments.
:	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		Not used in this application

/continued

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

<b>C059</b>	<b>STREET</b>	D		See composite C080
+	3042 Street & number/PO Box	D	an..35	Building name and/or number and street name, and/or PO Box number
:	3042 Street & number/PO Box	D	an..35	
:	3042 Street & number/PO Box	D	an..35	
+	<b>3164 City name</b>	D	an..35	City or town name in clear text
+	<b>3229 Country sub-entity ID</b>	D	an..9	County, state, province in clear text
+	<b>3251 Postcode</b>	D	an..9	Postal code
+	<b>3207 Country, coded</b>	D	an..3	ISO 3166 two-alpha code

**Examples:**

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

Buyer and supplier identified by EAN location numbers

NAD+BY+++Stadt- und Universitätsbibliothek  
 :FfM:Erwerbungsabteil+Bockenheimer Landst  
 rasse 134:PO Box 1006+FRANKFURT++60325+DE'

Buyer identified by structured text

Segment 10 (LOC) is not used in this application

SG04 RFF

Segment group SG04: EANCOM uses only RFF segment 11

11 RFF REFERENCE

One or two optional occurrences per segment group SG03, giving the VAT or other tax registration number of the party named in the linked NAD segment, where required as part of the order, or an additional identification code for the party, normally a supplier's account code for the customer (API) or a customer's internal vendor reference (IA).

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

API = additional party identification (EAN code) : use with a NAD segment coded BY in DE 3035 for a coded identification which is additional to the linked NAD segment - typically this may be a supplier's own code for a library account or customer department (EAN code)  
 IA = internal vendor number: use with a NAD segment coded SU in DE 3035 when a library has multiple vendor references which apply to different types of business with the same supplier  
 VA = VAT registration number

**Example:**

RFF+VA:123456789'

VAT number 123456789

Segments 12 to 15 (CTA-COM, TAX-MOA) (segment groups SG06 and 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.**

<b>C504</b>	<b>CURRENCY DETAILS</b>	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
+ <b>C504</b>	<b>CURRENCY DETAILS</b>	N		The repeat of composite C504 is not used in this application
+ <b>5402</b>	<b>Rate of exchange</b>	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

**Segments 17 to 38 (DTM, PAT-DTM-PCD-MOA, TDT-LOC, TOD-LOC, ALC-ALI-DTM-QTY-RNG-PCD-RNG-MOA-RNG-RTE-RNG-TAX-MOA) (segment groups SG09 to SG19) are not used in this application**



**39 LIN LINE ITEM** *(continued)*

<b>C829</b>	<b>Sub-line information</b>	D		Composite C829 is used only if sub-lines are sent to report availability status of individual items in a set or series ordered as a whole
+ 5495	Sub-line indicator	D	an..3	Mandatory if composite C829 is used: 1 = sub-line
: 1082	Line item number	D	n..6	Mandatory if composite C829 is used: the number of the preceding "main" line to which the sub-line is linked
+ 1222	<b>Configuration level</b>	N		Not used in EANCOM
+ 7083	<b>Configuration, coded</b>	N		Not used in this application

**Examples**

LIN+5+24'	Line no 5, product identified by ISBN in PIA segment 40, accepted with amendments
LIN+5+2+5012345008791:EN'	Line no 5, EAN article number, line cancelled
LIN+17+24++1:15'	Line no 17, sub-line linked to line 15

**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.**

+ **4347 Product ID function code** M an..3

1 = additional identification (of the item ordered): 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)  
 1S = additional identification: an identification number for a multi-volume or multi-part set to which the product belongs  
 3 = identification of a substitute which can or will be supplied in place of the item ordered  
 5 = main product identification: use when the PIA segment carries the main product code (normally the ISBN)  
 5S = "start from" product number: (EDItEUR code) use only in a response to a continuation order, to give the ISBN or other unique identifier of the volume in a series from which the order begins (see also IMD segment 41)  
 5V = "set or series including" product number (EDItEUR code): use when the order refers to a set or series for which the only ISBN or other product number available at time of ordering is that of one or more volumes or parts (see section L.1.6)

**C212 ITEM NUMBER ID** M

+ 7140 Item number M an..35

: 7143 Item number type, coded M an..3

Product number (eg ISBN)  
 EN = EAN-13 article number  
 IB = ISBN  
 IM = ISMN (International Standard Music Number)  
 IS = ISSN (International Standard Serial Number): use only in a continuation order response line, to identify the series to which the order applies  
 MF = manufacturer's article number  
 SA = supplier's article number  
 Not used in EANCOM  
 Not used in this application

: 1131 Code list qualifier N

: 3055 Code list agency code N

/continued

40 PIA ADDITIONAL PRODUCT ID (continued)

<b>C212</b>	<b>ITEM NUMBER ID</b>	D		Further repeats of Composite C212 may be used where DE 4347 = 1 or 1S, if there is more than one additional identification number. Where DE 4347 = 3, 5, 5S or 5V, only one product number should be sent.
+	7140	Item number	D an..35	Product code
:	7143	Item number type, coded	D an..3	As in the first occurrence of composite C212
:	1131	Code list qualifier	N	Not used in EANCOM
:	3055	Code list agency code	N	Not used in this application
<b>C212</b>	<b>ITEM NUMBER ID</b>	D		
+	7140	Item number	D an..35	Product code
:	7143	Item number type, coded	D an..3	As in the first occurrence of composite C212
:	1131	Code list qualifier	N	Not used in EANCOM
:	3055	Code list agency code	N	Not used in this application
<b>C212</b>	<b>ITEM NUMBER ID</b>	D		
+	7140	Item number	D an..35	Product code
:	7143	Item number type, coded	D an..3	As in the first occurrence of composite C212
:	1131	Code list qualifier	N	Not used in EANCOM
:	3055	Code list agency code	N	Not used in this application
<b>C212</b>	<b>ITEM NUMBER ID</b>	D		
+	7140	Item number	D an..35	Product code
:	7143	Item number type, coded	D an..3	As in the first occurrence of composite C212
:	1131	Code list qualifier	N	Not used in EANCOM
:	3055	Code list agency code	N	Not used in this application

**Examples:**

PIA+5+0856674427:IB'	ISBN as main product identification
PIA+3+0870701428:IB'	ISBN of alternative offered
PIA+1+25075679:SA'	Supplier's article number as alternative identification

**41        IMD   ITEM DESCRIPTION**

**Optional: up to 99 repeats of IMD segment 41 may be used to give bibliographic details of the item to which the order line refers. This is mandatory if the item is not identified by a code or codes in LIN segment 39 and/or PIA segment 40.**

**Where the text of a bibliographic data element exceeds 70 characters, additional repeats of the segment, carrying the same code in DE 7081, may be used as "continuation" segments.**

+ <b>7077</b> <b>Item description type code</b>	M	an..3	<p><i>C = coded, EDItEUR format codes in DE 7009, DE 7081 = BFM (this code will be withdrawn in a future general revision of EDItEUR standards: do not use in new implementations)</i></p> <p><i>F = free-form, EDItEUR alpha codes in DE 7081 (these codes will be withdrawn in a future general revision of EDItEUR standards: do not use in new implementations)</i></p> <p><i>L = text, EDItEUR numeric codes in DE 7081 (EDItEUR code)</i></p> <p>See next page for a table of recommended EDItEUR code values</p>
+ <b>7081</b> <b>Item characteristic code</b>	M	an..3	<p><i>Format code from EDItEUR list 11B: used only if DE 7077 = C and DE 7081 = BFM</i></p> <p><i>11B = EDItEUR format code: used only if DE 7077 = C and DE 7081 = BFM</i></p> <p><i>28 = EDItEUR: used only if DE 7077 = C and DE 7081 = BFM</i></p> <p>Descriptive data as free text: mandatory if DE 7077 = F or L</p> <p>Continuation line if required</p> <p>Not used in EANCOM</p>
<b>C273</b> <b>ITEM DESCRIPTION</b>	M		
+ 7009    Item description id	D	an..17	
: 1131    Code list qualifier	D	an..3	
: 3055    Code list agency code	D	an..3	
: 7008    Item description	D	an..35	
: 7008    Item description	D	an..35	
+ <b>7383</b> <b>Surface layer indicator code</b>	N		

**Examples:**

IMD+L+010+:::Harris'  
 IMD+L+011+:::Robert'

Author

**Code table for IMD DE 7081: EDItEUR numeric codes, DE 7077 = L**

**Recommended subset for brief description**

*Shaded elements are not included in the full MARC-based code set*

001	Short author/title description, eg <i>PRESTON/FRANCO: A BIOGRAPHY, 2<sup>ND</sup> ED</i>
009	Name of book author, editor or other contributor (unstructured), eg <i>Paul Preston</i>
010	Name of first author, editor etc (surname or entry element), eg <i>Preston</i>
050	Title, eg <i>Franco: a biography</i>
080	Volume or part number, eg <i>Volume 2</i>
100	Edition statement, eg <i>2<sup>nd</sup> ed</i>
109	Publisher, unstructured, eg <i>HarperCollins</i>
110	Place of publisher, eg <i>London</i>
170	Date of publication, eg <i>1997</i>
220	Binding, eg <i>paperback</i>

**Full code set for detailed MARC-based description**

010	First personal name (entry element)
011	Part of that name other than the entry element (forename)
012	Roman numerals as part of a personal name
013	Dates relating to a personal name
014	Relator designation, eg author, editor etc
020	Second personal name (entry element)
021	Part of that name other than the entry element (forename)
022	Roman numerals as part of a personal name
023	Dates relating to a personal name
024	Relator designation, eg author, editor etc

030	First corporate name (entry element)
031	Subdivision
032	Number of meeting
033	Location of meeting
034	Date of meeting
040	Second corporate name (entry element)
041	Subdivision
042	Number of meeting
043	Location of meeting
044	Date of meeting

060	Other title information (subtitle)
065	Statement of responsibility
075	Frequency
080	Number of a part
085	Start from volume
086	Journal subscription end volume/issue
090	Volume title
100	Edition statement
101	Issue or additional edition statement
110	Place of first publisher or distributor
111	Place of manufacturer (1)
120	Name of first publisher or distributor
121	Name of manufacturer (1)
130	Address of first publisher or distributor
131	Address of manufacturer
140	Place of second publisher or distributor
150	Name of second publisher or distributor
160	Address of second publisher or distributor
170	Date of publication
171	Date of manufacture
180	Specific material designation and extent (pages)
181	Other physical details
182	Dimensions
183	Accompanying material
190	First series

191	Series part number (number of a subseries)
192	Name of a series part (title of a subseries)
193	Statement of responsibility
194	Volume designation
200	Second series
201	Series part number (number of a subseries)
202	Name of a series part (title of a subseries)
203	Statement of responsibility
204	Volume designation
210	Third series
211	Series part number (number of a subseries)
212	Name of a series part (title of a subseries)
213	Statement of responsibility
214	Volume designation
220	Binding
221	Format code
230	Dewey Decimal Classification
240	Library of Congress Classification
250	Other classification
260	First subject (biographical)
270	Second subject (topical)
280	Third subject (geographical)
290	Type of publication (eg thesis)
300	General notes, eg cover title, parallel title etc
310	Summary or abstract
320	Selection criteria, eg level of publication, readership etc

**Code table for IMD DE 7081: EDItEUR alpha codes, DE 7077 = F**

*These codes will be deleted in a future general revision of EDItEUR standards: do not use in new implementations. The right hand column shows the preferred numeric code which corresponds to the alpha code.*

BAU	Name of book author, editor or other contributor (unstructured), eg <i>Paul Preston</i>	009
BBD	Binding, eg <i>paperback</i>	220
BEN	Edition statement, eg <i>2<sup>nd</sup> ed</i>	100
BPD	Date of publication, eg <i>1997</i>	170
BPH	Other physical details: any additional physical description	181
BPU	Publisher, unstructured, eg <i>HarperCollins</i>	109
BST	Short author/title description, eg <i>PRESTON/FRANCO: A BIOGRAPHY, 2<sup>ND</sup> ED</i>	001
BTI	Title, eg <i>Franco: a biography</i>	050
BTV	Title of volume or part, eg <i>The early years</i>	090
BVP	Volume or part number, eg <i>Volume 2</i>	080

**Code table for IMD DE 7081: EDItEUR alpha codes, DE 7077 = C**

*This code will be deleted in a future general revision of EDItEUR standards: do not use in new implementations. The right hand column shows the preferred numeric code which corresponds to the alpha code.*

BFM	Format code, eg <i>BH</i>	221
-----	---------------------------	-----

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

**43 QTY QUANTITY**

**Up to 3 occurrences per order line to give quantities ordered, to be despatched, despatched to date, and/or outstanding**

<b>C186</b>	<b>QUANTITY DETAILS</b>	M	
+ 6063	Quantity qualifier	M	an..3
:	6060 Quantity	M	n..15
:	6411 Measure unit qualifier	N	

12 = despatch quantity: use for quantity which is to be despatched immediately  
 21 = ordered quantity  
 46 = pieces delivered: use for quantity which has been despatched to date, when reporting on the status of an outstanding order line  
 83 = backorder quantity: use for outstanding quantity, recorded as a backorder or "due"

Not used in this application

**Example:**

QTY+21:1'  
 QTY+83:1'

One copy ordered  
 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**

<b>C507</b>	<b>DATE/TIME/PERIOD</b>		M		
+ 2005	Date/time/period qualifier		M	an..3	11 = date when item was despatched (CCYYMMDD) 44 = expected availability date (CCYYMMDD or CCYYMM): use also for expected ship date for an item which is being manufactured on demand
:	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 (MOA) and 46 (GIN) are not used in this application**

**46A GIR RELATED IDENTIFICATION NUMBERS**

In library book supply, the GIR segment (*which is NOT part of the regular EANCOM subset*) is used to enable “copy-related” or “part-order-related” data to be sent in an ORDRSP message. (“Part-order” means a quantity of copies within a single order line which have common characteristics and/or servicing requirements.) The segment is repeatable up to 1000 times. If there are more than five items of information for one copy or for one part order, the segment may be repeated with the same copy or part-order sequence number in DE 7297.

The GIR segment is NOT used to specify an actual delivery location, for which see LOC-QTY segments 58 and 59. It is, however, used to specify detail which relates to the shelving location for which an ordered item is intended.

+ 7297	Set identification qualifier	M	an..3	Mandatory: use for a copy sequence number in the range 001 to 999, or a part-order sequence number in the range L01 to L99
	<b>C206 IDENTIFICATION NUMBER</b>	M		
+ 7402	Identity number	M	an..35	Carries the item of copy- or part-order-related data identified by the code in DE 7405
: 7405	Identity number qualifier	M	an..3	Mandatory in this application: code values from EDItEUR code list 7405 – see below
	<b>C206 IDENTIFICATION NUMBER</b>	D		Additional repeats of composite C206 may be used for further items of copy- or
+ 7402	Identity number	D	an..35	part-order-related data for the copy or part-order sequence number in DE 7297
: 7405	Identity number qualifier	D	an..3	
+ C206	<b>IDENTIFICATION NUMBER</b>	D		
+ C206	<b>IDENTIFICATION NUMBER</b>	D		
+ C206	<b>IDENTIFICATION NUMBER</b>	D		

**Example:**

GIR+001+6173523:LAC+357:LCV+GHA,75:LFN+GFG,25:LFN'      Accession number, copy value 357.00, fund GHA 75%, fund GFG 25%

## Code table for GIR DE 7405

Code	Name	Description
LAC	Accession number or barcode number	May occur once only if DE 7297 = <i>nnn</i> ; or may be repeated to give all the accession numbers for a part-order if DE 7297 = <i>Lnn</i> . Alternatively, LAF and LAL may be used to specify a sequential range without listing every number.
LAF	First accession number	The first accession number in a continuous sequential range. May occur once only if DE 7297 = <i>Lnn</i> ; not used in DE 7297 = <i>nnn</i>
LAL	Last accession number	The last accession number in a continuous sequential range. May occur once only if DE 7297 = <i>Lnn</i> ; not used in DE 7297 = <i>nnn</i>
LCL	Classification	A subject class number. The scheme (eg Dewey, LC) from which the class number is taken is not specified. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LCO	Unique copy ID	A unique identifier of an individual copy, other than the accession number or barcode number: in some library systems, may be assigned by the system at the time of creating an order. May occur once only if DE 7297 = <i>nnn</i> ; not used if DE 7297 = <i>Lnn</i> .
LCV	Copy value	The replacement cost of an individual copy, which may not be the same as the price paid, and may not be the same for all copies ordered. DE 7402 has the format <i>n..15</i> , and carries a number NN.DD, where NN is an integer of up to 11 digits, and DD represents up to 4 decimal places. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> . In the latter case the same copy value will apply to all copies in a part-order.
LFH	Feature heading	A further means of subdividing subject classes for shelving purposes, eg to group books on a specific computer programming language, or critical works about a particular author. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LFN	Fund allocation	A library's fund allocation code and, where the purchase price is to be split between two or more funds, the percentage and/or the amount allocated to the specified fund. DE 7402 is comma-delimited, with the format <i>an..19,n..4,n..10</i> for <i>fund code, percentage, amount</i> (in the default currency for the message). The percentage and the amount may include a decimal point and up to two decimal places, eg 9999999.99. May be repeated when the cost of an individual copy or a part-order is spread across two or more funds, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .

/continued

## Code table for GIR DE 7405 (continued)

Code	Name	Description
LFS	Filing suffix	A suffix which is added to a subject class number to further specify a shelf location, commonly the first three characters of the first author's surname. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LLN	Loan category	A library's own code or other designation which specifies the loan status of an item. See also LST, which may sometimes also imply a loan status. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LLO	Branch or location code	A library's own code or other designation for a branch or location. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LLS	Label sublocation	<i>Specific to OCLC</i>
LQT	Part-order quantity	The quantity in a part-order, sent as an integer in DE 7402. May occur once only, with DE 7297 = <i>Lnn</i> . Not used if DE 7297 = <i>nnn</i> .
LRS	Record sublocation	<i>Specific to OCLC</i>
LSM	Shelfmark, spine label or call number (complete)	The complete contents of a shelfmark or spine label which defines a shelving location, and which typically includes a number of elements which may also, or alternatively, be sent as separate occurrences of GIR C206. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LSQ	Sequence or collection code	A code or other designation which identifies stock which is to be shelved in a specified sequence or collection. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LST	Stock category	A code or other designation which is used by a library to identify a stock category, such as "children's fiction". Stock category may sometimes be used to specify loan status, eg "14-day loan collection", but see also LLN. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LSZ	Size code	A code or other designation which indicates that stock is to be shelved separately by reason of size or format. May occur once only, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LVC	Servicing instruction code	A code from EDItEUR list 3B which specifies a special servicing requirement. May be repeated to specify multiple requirements, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .
LVT	Servicing instruction text	Plain text which specifies a special servicing requirement. May be repeated to specify multiple requirements, with DE 7297 = <i>nnn</i> or <i>Lnn</i> .

**Segment 47 (QVR) is not used in this application**

**48 FTX FREE TEXT**

**Up to three occurrences may be used in an order response line, to give an order action/status code, an availability status code for the ordered item, and if applicable an availability status for a substitute item.**

<p>+ <b>4451</b> Text subject qualifier</p> <p>+ <b>4453</b> Text function, coded</p> <p><b>C107</b> TEXT REFERENCE</p> <p>+ 4441 Free text, coded</p> <p>: 1131 Code list qualifier</p> <p>: 3055 Code list agency code</p> <p><b>C108</b> TEXT LITERAL</p> <p>+ 4440 Free text</p> <p>: 4440 Free text</p> <p>: 4440 Free text</p> <p>: 4440 Free text</p> <p>: 4440 Free text</p> <p>+ <b>3453</b> Language, coded</p>	<p>M an..3</p> <p>N</p> <p>M</p> <p>M an..3</p> <p>M an..3</p> <p>M an..3</p> <p>D</p> <p>D an..70</p> <p>D an..70</p> <p>D an..70</p> <p>D an..70</p> <p>D an..70</p> <p>N</p>	<p>LIN = text applying to the line item: use for availability status of the ordered item</p> <p>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</p> <p>Not used in this application</p> <p>References to standard text</p> <p>Use EDItEUR code list 4441: 8B, 12B</p> <p>8B = availability status code (incorporating former code list 7B)</p> <p>12B = order action/status code</p> <p>28 = EDItEUR</p> <p>Composite C108 may be used in association with a code from EDItEUR code list 13B in DE 4441 if further explanation is needed</p> <p>Mandatory if composite C108 is used</p> <p>Continuation lines if required</p> <p>Not used in this application</p>
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**Example:**

FTX+LIN++NP:13B:28'

Not yet published

**Code table for FTX DE 4441: EDItEUR code list 8B (now incorporates former code list 7B)**

AB	Publication abandoned (cancelled by publisher)	
AD	Apply direct: item not available to trade	
AU	Publisher's address unknown	
CS	Status uncertain: check with customer service	
FQ	Only obtainable abroad	
HK	Paperback out of print: hardback available	
IB	In stock (at wholesaler or bookseller)	
IP	In print and in stock (at publisher)	
MD	Manufactured on demand	If possible, with expected ship date in DTM segment 44
NK	Item not known (we cannot trace) - <i>see also SN</i>	
NN	We do not supply this item	
NP	Not yet published	With expected availability date in DTM segment 44
NQ	Not stocked	
NS	Not sold separately	
OB	Temporarily out of stock (at wholesaler or bookseller)	With expected availability date in DTM segment 44
OF	This format out of print: other format available	With format and availability details of the other format in additional FTX segments labelled SUB in DE 4451
OP	Out of print	
OR	Out of print: (to be) replaced by new edition	With availability details of the new edition in another FTX segment labelled SUB in DE 4451
PK	Hardback out of print: paperback available	With availability details of the paperback in another FTX segment labelled SUB in DE 4451
PN	Publisher no longer in business	
RE	Awaiting reissue	With expected availability date in DTM segment 44

/continued

**Code table for FTX DE 4441: EDItEUR code list 8B (continued)**

RF	Refer to other publisher or distributor	With identity of other supplier in NAD segment 68
RM	Remaindered	
RP	Reprinting	With expected availability date in DTM segment 44
RR	Rights restricted (cannot supply in this market)	
SD	Sold (for unique copies of secondhand/antiquarian items)	
SN	Our supplier cannot trace - <i>see also NK</i>	
SO	Pack/set not available: available as single items only	
ST	Stocktaking: temporarily unavailable	
TO	Only to order	
TU	Temporarily unavailable, reason unspecified	With expected availability date in DTM segment 44
UB	Item unobtainable from our suppliers	
UC	Unavailable; may or may not become available again ("reprint under consideration")	

**Code table for FTX DE 4441: EDItEUR code list 12B**

100	Order line accepted	Response to new order, report on outstanding order line (when the order is in progress but not yet despatched)
101	Price query: order line will be held awaiting customer response	Response to new order
102	Discount query: order line will be held awaiting customer response	Response to new order
103	Minimum order value not reached: order line will be held until required value is reached	Response to new order
104	Firm order required: order line will be held awaiting customer response	Response to new order
110	Order line accepted, substitute product will be supplied	Response to new order
200	Order line not accepted	Response to new order, report on outstanding order line
201	Price query: order line not accepted	Response to new order
202	Discount query: order line not accepted	Response to new order
203	Minimum order value not reached: order line not accepted	Response to new order
205	Order line not accepted: quoted promotion is invalid	Response to new order
206	Order line not accepted: quoted promotion has ended	Response to new order
207	Order line not accepted: customer ineligible for quoted promotion	Response to new order
210	Order line not accepted, substitute product is offered	Response to new order
220	Outstanding order line cancelled: reason unspecified	Report on outstanding order line
221	Outstanding order line cancelled: past order expiry date	Report on outstanding order line
222	Outstanding order line cancelled by customer request	Response to order cancellation, report on outstanding order line
223	Outstanding order line cancelled - unable to supply	Report on outstanding order line
300	Order line passed to new supplier	Response to new order
301	Order line passed to secondhand department	Response to new order

/continued

Code table for FTX DE 4441: EDItEUR code list 12B (continued)

400	Backordered - awaiting supply	Report on outstanding order line
401	On order from our supplier	Report on outstanding order line
402	On order from abroad	Report on outstanding order line
403	Backordered, waiting to reach minimum order value	Report on outstanding order line
404	Despatched from our supplier, awaiting delivery	Report on outstanding order line
405	Our supplier sent wrong item(s), re-ordered	Report on outstanding order line
406	Our supplier sent short, re-ordered	Report on outstanding order line
407	Our supplier sent damaged item(s), re-ordered	Report on outstanding order line
408	Our supplier sent imperfect item(s), re-ordered	Report on outstanding order line
409	Our supplier cannot trace order, re-ordered	Report on outstanding order line
410	Ordered item(s) being processed by bookseller	Report on outstanding order line
411	Ordered item(s) being processed by bookseller, awaiting customer action	Report on outstanding order line
412	Order line held awaiting customer instruction	Report on outstanding order line
500	Order line on hold – contact customer service (usually because account is stopped)	Response to new order, report on outstanding order line
800	Order line already despatched/stock allocated for despatch	Response to order chaser or cancellation
900	Cannot trace order line	Response to order chaser or cancellation
901	Order line held: note title change	Report on outstanding order line
902	Order line held: note pubdate or availability date delay	Report on outstanding order line
903	Order line held: note price change	Report on outstanding order line
999	Temporary hold: order action not yet determined	Response to new order

**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. A second occurrence, with the PRI segment coded ORD in DE 5125, may be used to restate the price which was quoted in the order, when this is incorrect.

**49 PRI PRICE DETAILS**

One mandatory occurrence per repeat of SG28 to specify a unit price. In library 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

**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)  
 ORD = price stated in order line, when this is different from the supplier's current price (EDItEUR code)

: 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 11 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 in order to set an upper limit where the price is not known  
 PV = provisional price: use if publisher's firm price is not known at order date  
 QT = quoted price

/continued

**49 PRI PRICE DETAILS** (continued)

: 5387	Price type qualifier	O	an..3	See code table below
: 5284	Unit price basis	N		Not used in this application
: 6411	Measure unit qualifier	N		Not used in this application
+ <b>5213</b>	<b>Sub-line price change code</b>	N		Not used in EANCOM

**Example:**

PRI+AAE:12.5:CA:SRP'

Publisher's suggested retail price = 12.50

**Code table for PRI DE 5387**

ABC	Member price (EDIFACT code replacing former EDItEUR code MBP)
ABD	Pre-payment price
DPR	Discount price
FOC	Free of charge (EDItEUR code)
NQT	Price not known
PRF	Promotional price (EDItEUR code): same as PRP, but subject to retail price maintenance: may have an expiry date in DTM segment 27B
PRP	Promotional price: suggested retail price which applies during the limited period of a special promotion, including a pre-publication price (not under retail price maintenance): may have an expiry date in DTM segment 27B
RTP	Retail price: unit price, subject to retail price maintenance
SRP	Suggested retail price: unit price, not subject to retail price maintenance

**50 CUX CURRENCIES**

**May be used if and only if the price in PRI segment 49 is not in the order currency, to detail a pricing currency and, if required, the exchange rate used to convert to the order currency**

<b>C504</b>	<b>CURRENCY DETAILS</b>	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
<b>C504</b>	<b>CURRENCY DETAILS</b>	D		The second occurrence of composite C504 is used only if the exchange rate between a pricing currency and the order currency is specified in DE 5402
+ 6347	Currency details qualifier	D	an..3	3 = target currency
: 6345	Currency, code	D	an..3	ISO 4217 three-alpha code
: 6343	Currency qualifier	D	an..3	9 = order currency
: 6348	Currency rate base	N		Not used in EANCOM
+ <b>5402</b>	<b>Rate of exchange</b>	D	n..12	Rate x reference currency = target currency: up to six integers and six places of decimals, sent with an explicit decimal point and omitting non-significant zeros
+ <b>6341</b>	<b>Currency market exchange</b>	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 SG30, 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.*

<b>C507</b>	<b>DATE/TIME/PERIOD</b>		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**

**Up to 999 occurrences per order response line may be used to give references which apply to the current line only. The buyer's order line number (LI or LCO) is mandatory in this application and should appear in the first occurrence of the RFF segment.**

<b>C506 REFERENCE</b>		M		
+ 1153 Reference qualifier		M	an..3	See code table below
: 1154 Reference number		M	an..35	
: 1156 Line number		N		Not used in this application
: 4000 Reference version number		N		Not used in EANCOM

**Example:**

RFF+LI:0528837'

Buyer's line reference 0528837

**Code table for RFF DE 1153**

Code	Description
ACT	Order status enquiry line number: use only in messages responding to an order chaser or claim
AE	Authorisation for expense number: use for a library's "blanket" purchase authorisation number covering multiple orders
BFN	Buyer's fund number (EDItEUR code)
IA	Internal vendor number: use for the buyer's internal account code for the supplier
LCO	Library's continuation order number: use only in a message coded 22C in BGM segment 2, DE 1001 (EDItEUR code)
LI	Buyer's unique order line number (mandatory)
QLI	Supplier's unique quotation line number (EDItEUR code)
SCO	Supplier's continuation order number (EDItEUR code)
SLI	Supplier's unique order line reference number (EDItEUR code)

Segments 52 to 57 (DTM, PAC-PCI-RFF-DTM-GIN) (segment group SG32) are not used in this application

**SG33 LOC-QTY-DTM**

Segment group SG33: up to 9,999 repeats may be used to indicate a special delivery location, a "location" which does not affect delivery but implies specific processing requirements, either for the whole quantity or for part quantities of the order line. Only LOC and QTY segments 58 and 59 are used in this application.

A single occurrence of the segment group is used if the whole order line is to be delivered to a location other than the default delivery address for the order. In this case the QTY segment is not required.

Two or more occurrences are used if the order is to be split between two or more locations. In this case both LOC and QTY segments must be present, and the sum of the quantities in all occurrences of QTY segment 59 must equal the order quantity in QTY segment 43. In other words, if a delivery is split between the default delivery address for the order and other delivery addresses, the quantity for the default delivery address must be explicitly stated.

**58 LOC PLACE/LOCATION IDENTIFICATION**

One mandatory occurrence per repeat of SG33

+ 3227 Place/location qualifier M an..3

7 = place of delivery: use to specify that the supplier is requested to deliver to the specified location  
 8 = place of destination: may be used to send a library location code whose purpose is solely to specify processing requirements (use GIR segment 46A, however, when complex copy- or part-order-related detail is required)  
 20 = ultimate destination: use to specify that the supplier is requested to package and label for onward shipping to the specified destination, but to deliver to the default address

**C517 LOCATION IDENTIFICATION** M  
 + 3225 Place/location identification M an..25

Mandatory in EANCOM  
 Mandatory in this application: use an EAN location number if possible, or an alternative industry standard number, or failing that a supplier- or customer-assigned number agreed between the trading parties

/continued

**58 LOC PLACE/LOCATION IDENTIFICATION** *(continued)*

: 1131	Code list qualifier	N		Not used in this application
: 3055	Code list responsible agency	M	an..3	Mandatory in this application. Use one of these values: 9 = EAN 31B = US SBN Agency, for US book trade SANs (Standard Address Numbers) (EDItEUR code) 91 = assigned by supplier 92 = assigned by buyer: use for a library's own branch code
: 3224	Place/location	N		Not used in this application
	<b>C519 RELATED LOCATION ONE ID</b>	D		Composite C519 may be used by trading partner agreement to specify a further level of location within a destination
+ 3223	Related place/location one ID	D	an..25	Determined by trading partner agreement
: 1131	Code list qualifier	D	an..3	Determined by trading partner agreement
: 3055	Code list responsible agency	D	an..3	92 = assigned by buyer
: 3222	Related place/location one	D		Not used in this application
+ <b>C553</b>	<b>RELATED LOCATION TWO ID</b>	N		Composite C553 is not used in this application
+ <b>5479</b>	<b>Relation, coded</b>	N		Not used in EANCOM

**Example:**

LOC+7+ENF2::92'

Buyer-assigned location code ENF2

**59 QTY QUANTITY**

**One mandatory occurrence per repeat of SG33 to give the delivery quantity for the location specified in LOC segment 58.**

	<b>C186 QUANTITY DETAILS</b>	M		
+ 6063	Quantity qualifier	M	an..3	11 = split delivery quantity
: 6060	Quantity	M	n..15	The quantity is sent as an integer, omitting non-significant zeros (eg 5, not 005)
: 6411	Measure unit qualifier	N		Not used in this application

**Example:**

QTY+11:2'

Quantity for this delivery location is two copies

Segments 60 to 62 (DTM, TAX-MOA) (segment group SG36) are not used in this application

<b>SG37</b>	<b>NAD-SG40</b>			<b>Segment group SG37: only NAD segment 63 is used in this application</b>
<b>63</b>	<b>NAD NAME AND ADDRESS</b>			<b>Optionally, one occurrence may be used to specify the person or department originating the order line. (Use LOC-QTY segment group 33 to specify a delivery address at order line level.) A separate occurrence is used when required to specify an alternative supplier.</b>
<b>+ 3035</b>	<b>Party qualifier</b>	M	an..3	GZ = substitute supplier: use only when required in connection with the availability status code in FTX segment 48 OB = ordered by: to specify the person or department originating the order line
	<b>C082 PARTY IDENTIFICATION</b>	D		If possible, use coded identification in composite C082, preferably an EAN code
<b>+ 3039</b>	<b>Party identification code</b>	D	an..17	Mandatory if composite C082 is used: 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	Mandatory if composite C082 is used 9 = EAN 31B = US SBN Agency, for US book trade SANs (Standard Address Numbers) (EDItEUR code) 91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer
<b>+ C058</b>	<b>NAME AND ADDRESS</b>	N		Composite C058 is not used in EANCOM
	<b>C080 PARTY NAME</b>	D		It is recommended that name and address are sent as structured text only if no ID code is used (DE 3039). Where text is used, a consistent form of each name and address should be adopted across all messages in which it appears.

/continued

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

+ 3036	Party name	D	an..35	Party name in clear text. Organisation names should be entered 'top down', ie with the name of the whole organisation first, followed by divisions or departments.
: 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		Not used in this application
	<b>C059 STREET</b>	D		See composite C080
+ 3042	Street & number/PO Box	D	an..35	Building name and/or number and street name, and/or PO Box number
: 3042	Street & number/PO Box	D	an..35	
: 3042	Street & number/PO 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

**Example:**

NAD+OB+++J.MacDonald'

Ordered by "name"

**Segments 64 to 78 (CTA-COM, ALC-ALI-DTM-QTY-RNG-PCD-RNG-MOA-RNG-RTE-RNG-TAX-MOA) (segment groups SG40 and SG41) are not used in this application**

**SG47 TDT**

**Segment group SG47: only TDT segment 79 is used in EANCOM**

**79 TDT DETAILS OF TRANSPORT**

**One optional occurrence per line is used to indicate a specific 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. An EDItEUR change request has been approved by EAN to make it optional in EANCOM.</i>
	<b>C228 TRANSPORT MEANS</b>	D		Composite C228 is used to specify a method of delivery.
+ 8179	Type of means of	D	an..8	25 = rail express                      52 = mail express 34 = road parcel express      53 = surface mail 41 = air freight                      54 = accelerated surface mail 42 = surface air lifting          55 = air mail 43 = air express                      56 = printed matter/book post 51 = parcel post                      101 = courier express
: 8178	Type of means of transport	D	an..17	
	<b>C040 CARRIER</b>	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 '  
TDT+20++++: : :Groupex '

Requested method of shipment is air freight  
Send by named carrier

**80 UNS SECTION CONTROL** **One mandatory occurrence per message**

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

**Example:**

UNS+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 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 given in the UNH segment

**Example:**

UNT+48+ME001234'