

L.4 USING THE PURCHASE ORDER FOR BOOK ORDERS

L.4.0 CHANGES FROM VERSION 1.1

- Page L-4-3 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.
References to the use of standard bibliographic reference sources as part of the identification of an ordered product have been removed.
- Page L-4-4 Section L.4.1.8 has been expanded slightly to cover additional types of reference.
- Page L-4-6 A message structure table for the full EDIFACT ORDERS message has been added.
- Page L-4-10 In the example, an RFF segment which carried a citation to the *Deutsche Bibliographie* has been deleted, and the number of segments has been amended.
- Page L-4-15 RFF segment 11, DE 1153: code value IA has been added.
- Page L-4-18 PIA segment 40, DE 4347: code value 1S has been added.
PIA segment 40, DE 7143: code value EN has been added.
- Page L-4-19 PIA segment 40, repeats of Composite C212: notes have been amended to cover the full set of values for DE 4347.
- Page L-4-20 IMD segment 41: the 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-4-26 GIR segment 46A: the specification has been revised (note in particular DE 7297), and code list extended to support wider usage.
- Page L-4-27 A full code list for the GIR segment has been added to make the specification self-contained. The following new codes have been added: LAF, LAL, LLN, LQT, LVC, LVT; and definitions have been changed and expanded.
- Page L-4-29 FTX segment 48, DE 1131: deleted code list 2B (stock category is handled in GIR, and libraries normally determine their own categories) and 5B (source reference).
- Page L-4-29 Tables of applicable values from code lists 1B, 3B, 4B and 10B for FTX segment 48 have been added.
- Page L-4-34 PRI segment 49, DE 5387: new EDIFACT code ABC replaces old EDItEUR code MBP.
- Page L-4-36 RFF segment 51, DE 1153: the reference to codes for standard bibliographic sources has been deleted. Code value IA has been added.
- Page L-4-37 LOC segment 58 and QTY segment 59 are 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.
- Page L-4-39 NAD segment 63 is now defined only for sending details of the person or department originating an order, since non-default delivery addresses will always use LOC-QTY.
- Page L-4-40 TDT segment 79, composite C220: text has been amended to confirm EAN acceptance of change; examples have been corrected.

L.4.1 PRINCIPLES

The EDIFACT purchase order message is used in library book supply to enable a customer to communicate to a supplier:

- (a) A new order for an item which has been notified by the supplier using a QUOTES message.
- (b) A new order for an in-print or forthcoming item which has not been notified by the supplier; in other words, the item has been identified by the customer from some other source.
- (c) A continuation order for a set or series.
- (d) A request to trace and if possible supply an out-of-print, secondhand or antiquarian item which has not been notified by the supplier. This order type is identified by including FTX segment 48, with the following coded content:

DE 4451	ATQ	Coded text: "search request for secondhand or antiquarian item"
DE 1131	1B	Code list qualifier
DE 3055	28	Code list responsible agency: EDItEUR

In all of the three cases (a), (b) and (d), document name code 220 (normal order) or 224 (rush order) should be used in BGM segment 2, DE 1001. Document name code 22B (sample order) may be used if the message is carrying a request for items to be sent on approval. In case (c), document name code 23B (standing order for a series or set) must be used. Standing orders must always be sent as a separate message; they must not be mixed with normal book orders.

L.4.1.1 Function and content

The function of the ORDERS message in all of these applications is to provide all the information which the supplier needs about a title in order (a) to identify it correctly, and (b) to determine whether it can be supplied on terms which are acceptable to the customer in the context of the trading agreement between the parties and the conditions stated in the order itself.

The key elements of content in the ORDERS message for each item ordered are:

- (a) A unique identification of each order line, for use in all subsequent messages relating to the order.
- (b) A unique identification of the ordered title.
- (c) In certain defined circumstances only, a bibliographic description of the ordered title.
- (d) The quantity ordered.
- (e) The price which the customer expects to pay.
- (f) References to information previously exchanged, eg a supplier's quotation.
- (g) Where applicable, details of the location to which the ordered item is to be delivered, if this is different from the default delivery location for the order as a whole, or if the quantity of a given item is to be split between two or more locations.

L.4.1.2 Identification of the order line

It is fundamental to successful EDI trading between libraries and their suppliers that each book order line should be uniquely and explicitly identified by a customer-assigned reference sent in the ORDERS message in RFF segment 51, DE 1154, code LI ("buyer's order line number"), or LCO ("continuation order number"), in DE 1153. Both the buyer and the supplier should hold this reference in their respective

systems throughout the life of the transaction. This will enable subsequent messages to refer to individual orders without relying on message number, date, product code or any other data element which might be ambiguous. See also section L.4.1.8.

L.4.1.3 Identification of the ordered title

In normal book orders, the ordered title should be uniquely identified by one or more of the following:

- (a) An EAN article number in LIN segment 39, DE 7140, with code EN in DE 7143.
- (b) An ISBN in PIA segment 40, DE 7140, with code IB in DE 7143, or for non-book items an industry standard identifier appropriate to the type of material, such as ISMN.
- (c) A product number assigned by the publisher or by the supplier (usually communicated in a QUOTES message), in PIA segment 40, DE 7140, with code MF or SA in DE 7143.

Failing all the above, the ordered title will be identified by description using IMD segment 41.

L.4.1.4 Identification of the series in a standing or continuations order

In a continuation order, the series should be uniquely identified by one or more of the following:

- (a) An ISSN in PIA segment 40, DE 7140, with code IS in DE 7143, or for non-book items an industry standard identifier appropriate to the type of material.
- (b) A product number assigned by the publisher or by the supplier (usually communicated in a QUOTES message), in PIA segment 40, DE 7140, with code MF or SA in DE 7143.
- (c) The ISBNs of one or more volumes in the series, in PIA segment 40, DE 7140, with code IB in DE 7143.

Failing all the above, the series will be identified by description using IMD segment 41.

L.4.1.5 Bibliographic description

The circumstances in which bibliographic description should and should not be sent as part of an ORDERS message are as follows:

- (a) If an order line is for an item which the supplier has notified to the customer through a QUOTES message, and the basis of the order is the bibliographic data given in QUOTES, no bibliographic detail should be sent in the order line. The item should be identified by the ISBN or other industry standard identifier, and/or a publisher- or supplier-assigned item number, and the supplier's unique reference for the quotation, coded QLI in RFF segment 28 in the QUOTES message, and repeated in RFF segment 51 in ORDERS.
- (b) If an order line is for a title which was not notified by the supplier but originates with the customer, the order line should carry an ISBN or other industry standard identifier, and/or sufficient bibliographic detail to ensure unambiguous identification.

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

L.4.1.6 Quantity ordered

The quantity ordered is given in QTY segment 43, DE 6060, with the code 21 in DE 6063. In this application the quantity is always a number of units or pieces, so that DE 6411, which allows a unit of measurement to be specified, is not used.

L.4.1.7 Price

Book prices are liable to fluctuate, particularly when cross-border supply is involved. The trading agreement between a library and its supplier will normally stipulate a tolerance level within which the library will accept price fluctuations, and above which the supplier must confirm that the new price is acceptable before proceeding with the order.

The expected price is therefore an essential element in each order line. It could be regarded as unnecessary when the order is placed in response to a QUOTES message, and includes a reference to the corresponding quotation line, but for the avoidance of doubt, it is recommended that the price be included explicitly even in this case. If no price is known, this can be stated explicitly by using code value NQT in PRI segment 49, DE 5387.

It is expected that prices in an order will be given in the currency in which the partners normally trade, and that this will therefore be the order currency. However, the publisher or other original source may list prices in a different currency, and in this case it may be important for the price in the original currency to be given in the ORDERS message. Exchange rate fluctuations may affect the price which applies when the order is fulfilled.

In international trading, the order currency must be specified in CUX segment 16 in the header section.

The unit price of the title in the order currency is given as the first or only occurrence of segment group SG28 PRI-CUX-DTM. Unit prices in other reference currencies may be given in subsequent repeats of this segment group, with the currency specified in CUX segment 50.

If the order is a search request for a secondhand or antiquarian title, the customer should indicate a price up to which the order may be fulfilled without further specific authorisation. This is done in PRI segment 49, DE 5375, by using the code value NE (“not to exceed”).

L.4.1.8 References in ORDERS

The following types of reference may be required as part of an ORDERS message:

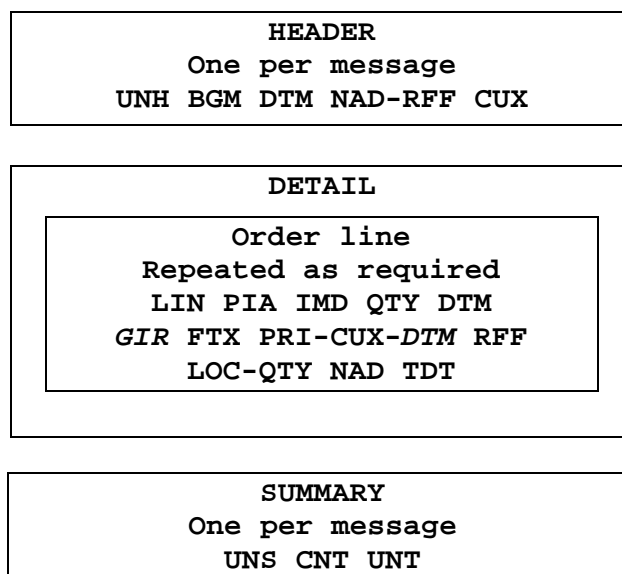
- (a) If an order line refers to a title which the supplier has notified in a QUOTES message, the supplier’s unique identification of the quotation should be carried in RFF segment 51, DE 1154, with the code QLI or SLI (depending on which was used in the QUOTES message) in DE 1153.
- (b) As already noted in section L.4.1.2, the buyer’s unique order line reference is an essential element in library order messages.
- (c) A library fund number may be referenced with the code BFN in RFF DE 1153.
- (d) A library’s “blanket” purchase authorisation number may be referenced with the code AE in RFF DE 1153

L.4.2 EDIFACT DIRECTORY

The version of the purchase order message adopted by EDItEUR is EANCOM ORDERS Version 008, taken from the 1997 release of the EANCOM message set, based on EDIFACT Directory D.96A.

L.4.3 MESSAGE BLOCK DIAGRAM

The broad structure of the purchase order 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 NAD-RFF pair identifies buyer and supplier and other parties related to the order. For international trade, the CUX segment specifies the order currency.

The **detail** section consists of a group of fifteen segments which together make up an order line. The LIN segment carries the line number within the message, 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 bibliographic description of the title ordered. The QTY segment gives the order quantity. The GIR segment is used in certain special applications to carry copy-related data, as opposed to data relating to the order or to the product. The FTX may carry coded text which qualifies the current order line only. The PRI-CUX-DTM segment group specifies the unit price on which the order is based, and may also give a price in an alternative currency. The RFF segment must carry a unique order line reference number, and may be used to give other references which apply to the current order line only. The LOC-QTY segment pair allows a single order line to be split between two or more delivery locations. The NAD segment can specify a different delivery address for the current order line only, or the person or department responsible for originating the order line. The TDT segment may be used to request a particular method of delivery for a single order line.

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

L.4.4 ORDERS MESSAGE STRUCTURE

The table on the next three pages shows the complete EANCOM ORDERS 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
	SG02		C	99	NAD-LOC-SG3-SG5
	NAD	9	M	1	Name and address
	LOC	10	C	25	Place/location identification
	SG03		C	10	RFF
	RFF	11	M	1	Reference
	SG05		C	5	CTA-COM
	CTA	12	M	1	Contact information
	COM	13	C	5	Communication contact
	SG06		C	5	TAX-MOA
	TAX	14	M	1	Duty/tax/fee details
	MOA	15	C	1	Monetary amount
	SG07		C	5	CUX-DTM
	CUX	16	M	1	Currencies
	DTM	17	C	5	Date/time/period
	SG08		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

	SG09		C	10	TDT-SG10
	TDT	22	M	1	Details of transport
	SG10		C	10	LOC
	LOC	23	M	1	Place/location identification
	SG11		C	5	TOD-LOC
	TOD	24	M	1	Terms of delivery or transport
	LOC	25	C	2	Place/location identification
	SG18		C	15	ALC-ALI-DTM-SG19-SG20-SG21-SG22-SG23
	ALC	26	M	1	Allowance or charge
	ALI	27	C	5	Additional information
	DTM	28	C	5	Date/time/period
	SG19		C	1	QTY-RNG
	QTY	29	M	1	Quantity
	RNG	30	C	1	Range details
	SG20		C	1	PCD-RNG
	PCD	31	M	1	Percentage details
	RNG	32	C	1	Range details
	SG21		C	2	MOA-RNG
	MOA	33	M	1	Monetary amount
	RNG	34	C	1	Range details
	SG22		C	1	RTE-RNG
	RTE	35	M	1	Rate details
	RNG	36	C	1	Range details
	SG23		C	5	TAX-MOA
	TAX	37	M	1	Duty/tax/fee details
	MOA	38	C	1	Monetary amount

Detail

	SG25		C	200000	LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG28-SG29-SG30-SG33-SG34-SG35-SG39-SG45
	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
	GIR	46A	C	1000	Related identification numbers

	QVR	47	C	1	Quantity variances
	FTX	48	C	99	Free text
	SG28		C	25	PRI-CUX
	PRI	49	M	1	Price details
	CUX	50	C	1	Currencies
	DTM	50A	C	5	Date/time/period
	SG29		C	10	RFF-DTM
	RFF	51	M	1	Reference
	DTM	52	C	5	Date/time/period
	SG30		C	10	PAC-SG32
	PAC	53	M	1	Package
	SG32		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
	SG33		C	9999	LOC-QTY-DTM
	LOC	58	M	1	Place/location identification
	QTY	59	C	1	Quantity
	DTM	60	C	5	Date/time/period
	SG34		C	10	TAX-MOA
	TAX	61	M	1	Duty/tax/fee details
	MOA	62	C	1	Monetary amount
	SG35		C	99	NAD-SG38
	NAD	63	M	1	Name and address
	SG38		C	5	CTA-COM
	CTA	64	M	1	Contact information
	COM	65	C	5	Communication contact
	SG39		C	99	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
	ALC	66	M	1	Allowance or charge
	ALI	67	C	5	Additional information
	DTM	68	C	5	Date/time/period
	SG40		C	1	QTY-RNG
	QTY	69	M	1	Quantity
	RNG	70	C	1	Range details
	SG41		C	1	PCD-RNG
	PCD	71	M	1	Percentage details
	RNG	72	C	1	Range details

	SG42		C	2	MOA-RNG
	MOA	73	M	1	Monetary amount
	RNG	74	C	1	Range details
	SG43		C	1	RTE-RNG
	RTE	75	M	1	Rate details
	RNG	76	C	1	Range details
	SG44		C	5	TAX-MOA
	TAX	77	M	1	Duty/tax/fee details
	MOA	78	C	1	Monetary amount
	SG45		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.4.5 EXAMPLE OF A BOOK ORDER MESSAGE

The example below shows a simple message carrying one order line. To make it easier to read, each segment has been placed on a separate line, and blank lines have been left between the sections identified in the block diagram on the last page. In practice, an EDIFACT message is sent as a continuous data string, without carriage returns between segments.

UNH+000002+ORDERS:D:96A:UN:EAN008'	Header
BGM+220+B00002+9'	Order number
DTM+137:19940202:102'	Message date
NAD+BY+++Stadt- und Universitaetsbibliothek :Frankfurt+Bockenheimer Landstr. 134-13 8+Frankfurt++60325'	Buyer name and address
RFF+API:DE1141110388'	Buyer ID number
NAD+SU+++DREIER'	Supplier name
CUX+2:DEM:9'	Order currency: DMark
LIN+1'	Line 1
PIA+5+3772815359:IB'	ISBN as main product ID
IMD+L+050+:::Die "Jahrbuecher fuer wissenschaftliche Kritik"'	Bibliographic detail
IMD+L+060+:::Hegels Berliner Gegenakademie'	
IMD+L+065+:::Hrsg. Von Christoph Jamme'	
IMD+L+110+:::Stuttgart-Bad Cannstadt'	
IMD+L+120+:::Frommann-Holzboog'	
IMD+L+170+:::1994'	
IMD+L+190+:::Spekulation und Erfahrung'	
IMD+L+191+:::Abt. 2'	
IMD+L+192+:::Untersuchungen'	
IMD+L+194+:::Bd. 27'	
IMD+L+220+:::Gewebe'	
QTY+21:1'	One copy ordered
PRI+AAE:295:CA'	Usual price in order currency (DM)
PRI+AAE:280:CA:PRF'	Pre-publication price in DM
PRI+AAE:275.50:CA'	Usual price in Swiss Francs
CUX+2:CHF:10'	
PRI+AAE:235:CA:PRF'	Pre-publication price in Sw Francs
CUX+2:CHF:10'	
PRI+AAE:2301:CA'	Usual price in Austrian Schillings
CUX+2:ATS:10'	
PRI+AAE:1950:CA:PRF'	Pre-publication price in Schillings
CUX+2:ATS:10'	
RFF+BFN:A-Stadt'	Buyer's fund reference
UNS+S'	Trailer
CNT+2:1'	No of line items = 1
UNT+35+000002'	No of segments = 35

L.4.6 PURCHASE ORDER SUBSET FOR BOOK ORDERS

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	ORDERS = purchase order
: 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	EAN008 = EAN version number
+ 0068	Common access reference	N		Not used in EANCOM
+ S010	Status of the transfer	N		Not used in EANCOM

Example:

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UNH+ME001234+ORDERS:D:96A:UN:EAN008'
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2	BGM BEGINNING OF MESSAGE			One mandatory occurrence per message
	C002 DOCUMENT/MESSAGE NAME	M		
+ 1001	Document/message code	M	an..3	220 = order (see section L.4.1) 224 = rush order 228 = sample order: use for an order for approval or inspection copies 22C = continuation order (EDItEUR code): use for continuation orders for all volumes in a series or set
: 1131	Code list qualifier	N		Not used in EANCOM

/continued

2 BGM BEGINNING OF MESSAGE *(continued)*

:	3055	Code list agency code	D		9 = EAN: required if an EAN code is used in DE 1001
:	1000	Document/message name	O	an..35	28 = EDItEUR: required if an EDItEUR code is used in DE 1001 Optional, since the message type is fully identified by the code in DE 1001
+	1004	Document/message number	M	an..35	Order number assigned by document sender: mandatory in EANCOM
+	1225	Message function, coded	M	an..3	Mandatory in EANCOM: 9 = original, 7 = duplicate (ie retransmission)
+	4343	Response type, coded	N		Not used in this application

Example:

BGM+220+967634+9'

Order number 967634

3 DTM DATE/TIME/PERIOD

One mandatory occurrence per message, to give the message date. Otherwise, not used in this application.

	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

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

SG02 NAD-LOC-SG03-SG05

Each occurrence of SG02 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 SG02

+ 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
 + 3039 Party identification code D an..17

If possible, use coded identification in composite C082, preferably an EAN code
 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 NAME AND ADDRESS N

Composite C058 is not used in EANCOM

/continued

9 NAD NAME AND ADDRESS *(continued)*

C080	PARTY NAME	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		
C059	STREET	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	
+ 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

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

SG03 RFF

Segment group SG03: EANCOM uses only the RFF segment

11 RFF REFERENCE

One or two optional occurrences per segment group SG02, 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).

C506	REFERENCE		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: 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

Not used in EANCOM
 Not used in EANCOM

Example:

RFF+VA:123456789'

VAT number 123456789

Segments 12 to 15 (CTA-COM, TAX-MOA) (segment groups SG05 and SG06) are not used in this application

SG07	CUX-DTM			Segment group SG07: 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 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

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 SG08 to SG18) are not used in this application

SG25 LIN-PIA-IMD-MEA-.....-SG35-SG39-SG45

Each repeat of segment group SG25 (up to a theoretical maximum of 200,000 per order message) represents one order line.

39 LIN LINE ITEM

One mandatory occurrence per order 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. Sub-lines are not used in library book orders.

+ 1082	Line item number	M	n..6	Line sequence number, starting at one and incremented by one for each successive line
+ 1229	Action request/notification	N		Not used in EANCOM
	C212 ITEM NUMBER ID	D		Only EAN article numbers are accepted in composite C212
+ 7140	Item number	D	an..35	EAN-13 article number
: 7143	Item number type, coded	D	an..3	EN = EAN: mandatory 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

Example:

LIN+5'

Line no 5

40 PIA ADDITIONAL PRODUCT ID

One or more occurrences are used in this application to send an ISBN and/or a supplier's own product code, either as the main product identifier (where no EAN number was given in LIN segment 39, or as an additional identifier. If no product code is available, the PIA segment is omitted, and the product must be fully identified by description in IMD segment 41. An additional occurrence may be used to identify an acceptable substitute for the product ordered.

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

1 = additional identification: 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
 2 = identification of an acceptable substitute
 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 continuation order message coded 22C in BGM DE 1001, to give the ISBN or other 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 code
 EN = EAN-13 article number
 IB = ISBN (International Standard Book Number)
 IM = ISMN (International Standard Music Number)
 IS = ISSN (International Standard Serial Number): use only in a continuation order message coded 22C in BGM DE 1001, to identify the series to which the order applies
 MF = manufacturer's article number
 SA = supplier's article number
 Not used in EANCOM

: 1131 Code list qualifier N

/continued

40 PIA ADDITIONAL PRODUCT ID (continued)

: 3055	Code list agency code	N		Not used in this application
C212	ITEM NUMBER ID	D		Further repeats of Composite C212 may be used where DE 4347 = 1, 1S or 2 if there is more than one additional ID number or more than one acceptable substitute. Where DE 4347 = 5, 5S or 5V, only one product number should be given.
+ 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
C212	ITEM NUMBER ID	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
C212	ITEM NUMBER ID	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
C212	ITEM NUMBER ID	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+2+0870701428:IB'	ISBN of acceptable alternative
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.

+ 7077	Item description type code	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>
+ 7081	Item characteristic code	M	an..3	See next page for a table of recommended EDItEUR code values
	C273 ITEM DESCRIPTION	M		
+ 7009	Item description id	D	an..17	<i>Format code from EDItEUR list 11B: used only if DE 7077 = C and DE 7081 = BFM</i>
: 1131	Code list qualifier	D	an..3	<i>11B = EDItEUR format code: used only if DE 7077 = C and DE 7081 = BFM</i>
: 3055	Code list agency code	D	an..3	<i>28 = EDItEUR: used only if DE 7077 = C and DE 7081 = BFM</i>
: 7008	Item description	D	an..35	Descriptive data as free text: mandatory if DE 7077 = F or L
: 7008	Item description	D	an..35	Continuation line if required
+ 7383	Surface layer indicator code	N		Not used in EANCOM

Example:

```
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, 2ND 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>2nd 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

050	Title
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>2nd 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, 2ND 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

One mandatory occurrence per order line to give the quantity ordered.

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

21 = ordered quantity

Not used in this application

Example:

QTY+21:1'

One copy ordered

44 DTM DATE/TIME/PERIOD

Optional: one or two occurrences may be used to specify delivery dates for the line.

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

61 = cancel this order line if not delivered by (CCYYMMDD)
 61B = cancel this order line if not delivered by (CCYYMMDD) unless the ordered item was not yet published at date of ordering (EDItEUR code)
 63 = deliver not later than the specified date (CCYYMMDD)
 64 = earliest delivery date (CCYYMMDD): use if the order line must not be supplied before a certain date, eg the start of a new budget period
 Date in prescribed format
 102 = code for CCYYMMDD date format

Example:

DTM+61:19970820:102'

Cancel if not delivered by 20 August 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 ORDERS 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
	C206 IDENTIFICATION NUMBER	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 next page
	C206 IDENTIFICATION NUMBER	D		
+ 7402	Identity number	D	an..35	Additional repeats of composite C206 may be used for further items of copy- or part-order-related data for the copy or part-order sequence number in DE 7297
: 7405	Identity number qualifier	D	an..3	
+ C206	IDENTIFICATION NUMBER	D		
+ C206	IDENTIFICATION NUMBER	D		
+ C206	IDENTIFICATION NUMBER	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			One or more optional occurrences (up to a maximum of 99 per order line), using EDItEUR Code Lists 4441:1B, 3B, 4B or 10B to indicate, in coded form, conditions which apply to the order line, and which are exceptions to the parties' general trading agreement. The segment may also be used to attach a free text message to the order line, but this is to be avoided if possible.
+ 4451	Text subject qualifier	M	an..3	Mandatory. LIN = information applying to this line item
+ 4453	Text function, coded	N		Not used in this application
	C107 TEXT REFERENCE	D		References to standard text: required unless free text alone is being sent
+ 4441	Free text, coded	D	an..3	Mandatory if composite C107 is used: code taken from EDItEUR code lists 1B, 3B, 4B or 10B: see tables starting on the next page
:	1131 Code list qualifier	D	an..3	Mandatory if composite C107 is used: EDItEUR code list number 1B = order qualifier 3B = special servicing instruction 4B = invoicing instruction 10B = order priority code
:	3055 Code list agency code	D	an..3	Mandatory if composite C107 is used: 28 = EDItEUR
	C108 TEXT LITERAL	D		Composite C108 may be used in cases where an EDItEUR code may be accompanied by free text explanation, or where free text alone is being sent
+ 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++PTY:1B:28'

Part order acceptable

Code table 1B for FTX DE 4441: order qualifier

Codes which may affect the supplier's processing of individual order lines.

ATQ	Order for secondhand or antiquarian item: unless the item ordered has been specifically quoted, such orders will not normally be against a firm price, but may (and generally should) carry a price limit set by the customer, using code NE in PRI DE 5375
CRR	Customer order (bookseller) or reader request (library): may affect the order processing, if so agreed between the parties (<i>cf</i> PRE, Advance order, and STK, Stock order, below)
DUN	Do not record dues (supply only if immediately available)
DUY	Record dues (back order if not immediately available)
HBK	Supply in hardback, if available
PBK	Supply in paperback, if available
PRE	Advance order (or bookshop "subscription" order): an order which is expected to be filled when the title is published
PTN	Part order not acceptable
PTY	Part order acceptable
STK	Stock order

Code table 3B for FTX DE 4441: special servicing instructions

Codes which define additional servicing to be applied to the book, or exceptions to standard servicing. Free text in DE 4440 may be used to specify the requirement in more detail. In general, services of this kind are (and should be) specified under a standing arrangement between customer and supplier. Only exceptions to the standing arrangement should be specified in an EDI order.

BB <i>BBN</i>	Barcode labelling <i>Do not apply barcode labels</i>
BC <i>BCN</i>	Classification <i>Do not classify</i>
BI <i>BIN</i>	Binding: binding, reinforcing, laminating <i>Do not apply normal binding etc</i>
BJ <i>BJN</i>	Sleeving: jackets, sleeves, wallets <i>Do not apply normal sleeving</i>
BP <i>BPN</i>	Audio/CD-ROM packaging: special pouches <i>Do not supply normal audio/CD-ROM packaging</i>
BS <i>BSN</i>	Security fitting: eg: triggers, Knogo labels <i>Do not apply usual security fitting</i>
CA <i>CAN</i>	Cataloguing: catalogue record supply <i>Do not supply catalogue record</i>
JK <i>JKN</i>	Plastic wallet on a paperback <i>Do not supply plastic wallet</i>
KA <i>KAN</i>	Kapco: proprietary thick laminate film on a paperback <i>Do not apply Kapco</i>
LA <i>LAN</i>	Thin laminate film on a paperback <i>Do not laminate</i>
NF	Non-standard servicing: see free text in DE 4440
NS	No servicing
NX	Non-standard servicing: see instructions sent outside EDI
PF	Binding as supplied by publisher (cancels all normal servicing which affects binding, lamination, sleeving, wallets, reinforcement etc.)
RE <i>REN</i>	Reinforcement of a hardback <i>Do not reinforce</i>
RP <i>RPN</i>	Reinforcement of a paperback <i>Do not reinforce</i>
SF <i>SFN</i>	Sewn flexi <i>Do not sew</i>
SL <i>SLN</i>	Plastic sleeve on a hardback <i>Do not sleeve</i>
TR <i>TRN</i>	Traditional case binding of a paperback <i>Do not case bind</i>

Code table 4B for FTX DE 4441: invoicing instructions

BF	Invoice by fund (see code value BFN in RFF DE 1153): instruction by library to its supplier to issue separate invoices for each book fund
BS	Invoice binding separately: instruction by library to its supplier to issue a separate invoice for special binding
TI	Separate invoice required for each title

Code table 10B for FTX DE 4441: order priority

Codes used to indicate the priority which is to be attached to an order line. The precise interpretation of different levels of priority is a matter for agreement between trading partners.

1	Highest priority under standard service
2	Higher priority
3	Normal priority
4	Lower priority
5	Lowest priority under standard service
H	Seasonal hotline
S	Special service

SG28 PRI-CUX-DTM

Segment group SG28 may optionally be used to state the price on which the order is based. The currency should only be specified if it is other than the ordering currency which applies to the message as a whole.

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)
: 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
: 5387	Price type qualifier	O	an..3	See code table on next page
: 5284	Unit price basis	N		Not used in this application
: 6411	Measure unit qualifier	N		Not used in this application
+ 5213	Sub-line price change code	N		Not used in EANCOM

/continued

49 PRI PRICE DETAILS (continued)

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. Exchange rates are not given in this application.

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 ORDERS 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 ORDERS 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

SG29 RFF-DTM

Segment group SG29: only RFF segment 51 is used in this application

51 RFF REFERENCE

Up to 10 occurrences per order line may be used to give references which apply to the current line only. The buyer's unique order line number (LI or LCO) is mandatory in this application and should appear in the first occurrence of the RFF segment.

C506 REFERENCE		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
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 reference for the supplier, when a library has multiple vendor references which apply to different types of business with the same 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)
SLI	Supplier's unique order line reference number (EDItEUR code)

Segments 52 to 57 (DTM, PAC-PCI-RFF-DTM-GIN) (segment group SG30) 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 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
 20 = ultimate destination: use to specify that the supplier is requested to package and label for the specified destination, but to deliver to the default address

C517 LOCATION IDENTIFICATION M

Mandatory in EANCOM

+ 3225 Place/location identification M an..25

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

: 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

/continued

58 LOC PLACE/LOCATION IDENTIFICATION *(continued)*

:	3224	Place/location	N		Not used in this application
	C519	RELATED LOCATION ONE ID	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
+	C553	RELATED LOCATION TWO ID	N		Composite C553 is not used in this application
+	5479	Relation, coded	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.

	C186	QUANTITY DETAILS	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 SG34) are not used in this application

SG35 NAD-SG38

Segment group 35: only NAD segment 63 is used in this application

63 NAD NAME AND ADDRESS

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.)

+ 3035	Party qualifier	M	an..3	OB = ordered by
	C082 PARTY IDENTIFICATION	D		If possible, use coded identification in composite C082; if not, use text in DE 3036
+ 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	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	NAME AND ADDRESS	N		Composite C058 is not used in EANCOM
	C080 PARTY NAME	D		Used if the person or department is identified by plain text.
+ 3036	Party name	D	an..35	Party name in plain text
: 3036	Party name	D	an..35	Continuation line 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		Not used in this application
+ C059	STREET	N		Not used in this application
+ 3164	City name	N		Not used in this application
+ 3229	Country sub-entity ID	N		Not used in this application
+ 3251	Postcode	N		Not used in this application
+ 3207	Country, coded	N		Not used in this application

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 SG38 and SG39) are not used in this application

SG45	TDT			Segment group SG45: only TDT segment 79 is used in EANCOM
79	TDT DETAILS OF TRANSPORT			One optional occurrence per order line is used to request 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 was "required" in EANCOM. An EDItEUR change request has been approved by 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, coded	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	
	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	an..35	

/continued

79 TDT DETAILS OF TRANSPORT *(continued)*

- | | | | |
|---------------|---------------------------------|---|--|
| + 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 |

Examples:

TDT+20+++41'	Requested method of shipment is air freight
TDT+20++++:::GroupeX'	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
: 6066 Control value	M	n..18
: 6411 Measure unit qualifier	N	

1 = total value of QTY segments in the message (sum of DE 6060's from QTY segment 43)
 2 = number of line items (LIN segments) in the message
 Control total sent as an integer without leading zeros and without decimal point
 Not used in this application

Example:

CNT+2:4'

83 UNT MESSAGE TRAILER

One mandatory occurrence per message

+ 0074 No of segments in message	M	n..6
+ 0062 Message reference number	M	an..14

Count includes the UNH and UNT segments
 The reference number given here must be the same as in the UNH segment

Example:

UNT+48+ME001234'