



Message Implementation Guideline

ORDERS (EAN004) S4 Manor Ver. 01.00

based on

ORDERS
orders message

EANCOM® 2002 S4

Version: 2002 - Edition 2008
Variant: Mapping Rel 1.00 (Draft)
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Author: Isabelle Scherrer

Date	Segment	Details
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* = Restricted Codes

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used

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Segment: **UNA** No: 1 Level: 0 Service string advice
 Status: C Max. Occ.: 1

Description: Service string advice

Description of the segments:

EDIFACT		Usage			
Description	St Format	St	Example	Remarks	
UNA1 Component data element separator	M an1	M*	:	Used as a separator between component data elements contained within a composite data element (value ":").	
UNA2 Data element separator	M an1	M*	+	Used to separate two simple or composite data elements (value "+").	
UNA3 Decimal mark	M an1	M*	.	Used to indicate the character used for decimal notation (value ".").	
UNA4 Release character	M an1	M*	?	Used to restore any service character to its original specification (value "?").	
UNA5 Repetition separator	M an1	M*	"	Used to indicate the character used for repetition separation (value "\").	
UNA6 Segment terminator	M an1	M*	'	Used to indicate the end of segment data (value "'").	

Comment EANCOM:

This segment is used to inform the receiver of the interchange about the set of service characters (and decimal mark) which are being used.

It must immediately precede the UNB segment and contains the five service characters (positions UNA1, UNA2, UNA4, UNA5 and UNA6) selected by the interchange sender.

When expressing the service characters in the UNA segment, it is not necessary to include any element separators.

Within EANCOM®, using the default set of service characters, the use of the UNA segment is not required.

Example:

UNA:+.?'

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Segment: **UNB** No: 2 Level: 0 Interchange header
 Status: M Max. Occ.: 1

Description: Interchange header

Description of the segments:

EDIFACT		Usage			
Description	St Format	St	Example	Remarks	
S001 Syntax identifier	M	M		The default encoding technique for a particular repertoire shall be the encoding technique defined by its associated character set specification.	
0001 Syntax identifier	M a4	M*	+UNOC	UNOC UN/EDCE level C	
0002 Syntax version number	M an1	M*	:3	3 Version 3	
S002 Interchange sender	M	M			
0004 Interchange sender identification	M an..35	M	+7612096000487	GLN (n13) Within EANCOM® the use of the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient. Manor Test: 7612096000487 Manor Prod.: 7612096000005	
0007 Identification code qualifier	C an..4	R*	:14	14 EAN International	
S003 Interchange recipient	M	M			
0010 Interchange recipient identification	M an..35	M	+8798765432106	GLN (n13) Within EANCOM® the use of the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.	
0007 Identification code qualifier	C an..4	R*	:14	14 EAN International	
S004 Date and time of preparation	M	M			
0017 Date	M n8	M	+111130	YYMMDD	
0019 Time	M n4	M	:1502	HHMM	
0020 Interchange control reference	M an..14	M	+12345555	Unique reference identifying the interchange. Created by the interchange sender.	
S005 Recipient reference/password details	C	N			
0022 Recipient reference/password	M an..14	N	+		
0026 Application reference	C an..14	R	+ORDERS D01B01	fix: ORDERSD01B01	
0029 Processing priority code	C a1	N	+		
0031 Acknowledgement request	C n1	N	+	This data element is used to indicate whether an acknowledgement to the interchange is required. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition, the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected due to syntax errors.	
0032 Interchange agreement identifier	C an..35	N	+		
0035 Test indicator	C n1	O	+1'	1 Interchange is a test	

Comment EANCOM:

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.

Example:

UNB+UNOC:3+7612096000487:14+8798765432106:14+111130:1502+12345555++ORDERSD01B01++++1'

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Segment: **UNH** No: 3 Level: 0 Message header
 Status: M Max. Occ.: 1

Description: Message header

Description of the segments:

EDIFACT		Usage			
Description	St Format	St	Example	Remarks	
0062	Message reference number	M an..14	M +1	Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.	
S009	Message identifier	M	M		
0065	Message type	M an..6	M* +ORDERS	ORDERS Purchase order message	
0052	Message version number	M an..3	M* :D	D Draft version/UN/EDIFACT Directory	
0054	Message release number	M an..3	M* :01B	01B Release 2001 - B	
0051	Controlling agency, coded	M an..3	M* :UN	UN UN/CEFACT	
0057	Association assigned code	C an..6	R* :EAN010'	EAN010 EAN version control number (EAN Code) Indicates that the message is the EANCOM version 010 of the UNSM Purchase Order.	

Comment EANCOM:

This segment is used to head, identify and specify a message. DE's 0065, 0052, 0054, and 0051: Indicate that the message is an UNSM Purchase Order based on the D.01B directory under the control of the United Nations.

Example:

UNH+1+ORDERS:D:01B:UN:EAN010'

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Segment: **BGM** No: 4 Level: 0 Beginning of message
 Status: M Max. Occ.: 1

Description: Beginning of message

Description of the segments:

EDIFACT		Usage			
Description	St Format	St	Example	Remarks	
C002	Document/message name	C	R		
1001	Document name code	C an..3	R* +237	26E consignment invoicing report (GS1 Code) All references other than the document number DE 1004 are in the RFF segment.	
1131	Code list identification code	C an..17	N :		
3055	Code list responsible agency code	C an..3	D* :9	9 EAN (International Article Numbering association)	
C106	Document/message identification	C	R		
1004	Document identifier	C an..35	R +128576-100	Order Number assigned by document sender. For global unique identification of documents Global Document Type Identifier (GDTI) is available.	
1225	Message function code	C an..3	C +9'	9 Original	

Comment EANCOM:

This segment is used to indicate the type and function of a message and to transmit the identifying number.

Example:

BGM+220::9+128576+9'

Manor:

The Manor order number (max. length: 35) must be referenced in the EDI despatch advice and invoice.

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Segment: **DTM** No: 5 Level: 1 Date/time/period
 Status: M Max. Occ.: 5

Description: Date/time/period

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
C507	Date/time/period	M	M		
2005	Date or time or period function code qualifier	M an..3	M*	+263	263 Invoicing period 137 Document/message date/time
2380	Date or time or period value	C an..35	R	: 20130501- 20130531	
2379	Date or time or period format code	C an..3	R	:718'	718 CCYYMMDD-CCYYMMDD 204 CCYYMMDDHHMMSS

Comment EANCOM:

This segment is used to specify the date of the Order and, where required, requested dates concerning the delivery of the goods.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.

Example:

DTM+137:20111130123500:204'
 DTM+263:20131101-20131130:718'

Manor:

The segment with the creation date and the qualifier '137' is mandatory.

The segment with the invoicing period and the qualifier '263' is mandatory for the consignment order (BGM/C002/1001=26E).

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Segment: **FTX** No: 6 Level: 1 Free text
 Status: C Max. Occ.: 1

Description: Free text

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
4451	Text subject code qualifier	M an..3	M	+ZZZ	ZZZ Mutually defined
4453	Free text function code	C an..3	N	+	
C107	Text reference	C	N		References to a standard text.
4441	Free text value code	M an..17	D	+380	
C108	Text literal	C	M		
4440	Free text value	M an..512	M	+PROZEN T'	

Comment EANCOM:

This segment is used to provide free form or coded text information for the entire purchase order.

Use of this segment in free form is not recommended since it may inhibit automatic processing of the Order. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

Example:

FTX+ZZZ+++Order based on the Promotion Nr. 123ABC'

Manor:

This segment is optional.

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Group: **SG1** Status: M Max. occ.: 4 RFF

Segment: **RFF** No: 7 Level: 1 Reference
Status: M Max. Occ.: 1

Description: Reference

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
C506	Reference	M	M		
1153	Reference code qualifier	M an..3	M	+CT	ON CT Order number (buyer) Contract number
1154	Reference identifier	C an..70	R	: CONSID11 23300	

Comment EANCOM:

This segment is used to specify other references which relate to the transmission, for example, contract numbers, price list numbers, etc. The references given at this point are valid for the whole order unless superseded by references at line level.

Example:

RFF+ON:45361748'
RFF+CT:652744'

Manor:

The segment with the base order number and the qualifier 'ON' is always transmitted, for Food orders the base order number and the short region text is transmitted..

The segment with the contract number and the qualifier 'CT' is only used if a contract reference for the VMI process exists.

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Group: **SG2** Status: M Max. occ.: 6 NAD-SG5

Segment: **NAD** No: 8 Level: 1 Name and address
Status: M Max. Occ.: 1

Description: Name and address

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
3035	Party function code qualifier	M an..3	M	+SU	BY Buyer DP Delivery party IV Invoicee SU Supplier UC Ultimate consignee
C082	Party identification details	C	A		
3039	Party identifier	M an..35	M	+40123455 00000	GLN -Format n13
1131	Code list identification code	C an..17	N	:	
3055	Code list responsible agency code	C an..3	R *	:9'	9 EAN (International Article Numbering association)

Comment EANCOM:

This segment is used to identify the trading partners involved in the Order process. Identification of the buyer and supplier of goods and services is mandatory using DE's 3035 and C082. Additionally, the invoicee and/or delivery party should be specified if different to the buyer.

Example:

NAD+BY+7612096550944::9'
NAD+SU+5411501000010::9'
NAD+DP+7612096100125::9'
NAD+IV+7612096550944::9'

Manor:

The following composites and data elements are for future use of e-shop orders to furnish the full name and address for the trading party. The affected composites and data elements are as follows:

C080 - C059 - 3164 - C819 - 3251 - 3207

The segment with the buyer and the qualifier 'BY' is mandatory.

The segment with the supplier and the qualifier 'SU' is mandatory.

The segment with the delivery party and the qualifier 'DP' is mandatory.

The segment with the invoicee and the qualifier 'IV' is mandatory.

The segment with the ultimate consignee and the qualifier 'UC' is mandatory for cross-docking or transit orders.

The segment with the ultimate customer and the qualifier 'UD' will be used in future for e-shop orders.

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Group: **SG2** Status: M Max. occ.: 6 NAD-SG5

Group: **SG5** Status: C Max. occ.: 1 CTA

Segment: **CTA** No: 9 Level: 2 **Contact information**
 Status: M Max. Occ.: 1

Description: Contact information

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
3139	Contact function code	C an..3	R	+WH	WH Warehouse
C056	Department or employee details	C	O		
3413	Department or employee name code	C an..17	N	+	
3412	Department or employee name	C an..35	O	:BAS-12'	

Comment EANCOM:

This segment is used to identify contact details for the party specified in the previous NAD segment.

Example:

CTA+WH+:HOV-631'

Manor:

This segment is only used for the delivery party or the ultimate consignee.

In case of the delivery party the element C056/3412 can contain "distribution center-commodity group" or "warehouse-rack"

In case of the ultimate consignee the element C056/3412 can contain "warehouse-rack"

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Group: **SG7** Status: M Max. occ.: 1 CUX

Segment: **CUX** No: 10 Level: 1 **Currencies**
 Status: M Max. Occ.: 1

Description: Currencies

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
C504	Currency details	C	R		
6347	Currency usage code qualifier	M an..3	M*	+2	2 Reference currency
6345	Currency identification code	C an..3	R	:CHF	ISO 4217 three alpha.
6343	Currency type code qualifier	C an..3	R*	:9'	9 Order currency

Comment EANCOM:

This segment is used to specify currency information for the complete order.

Example:

CUX+2:CHF:9'

Manor:

This segment is mandatory

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Group: **SG28** Status: C Max. occ.: 200000 LIN-PIA-QTY-SG32

Segment: **LIN** No: 11 Level: 1 **Line item**
Status: M Max. Occ.: 1

Description: Line item

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
1082	Line item identifier	C an..6	R	+1	Application generated number of the count of the order lines.
1229	Action request/notification description code	C an..3	N	+	
C212	Item number identification	C	D		
7140	Item identifier	C an..35	R	+4000862141404	Format n..14 GTIN - this is the number of the article being ordered.
7143	Item type identification code	C an..3	R*	:SRV'	SRV EAN.UCC Global Trade Item Number

Comment EANCOM:

This segment is used to identify the item being ordered.

If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.

The detail section of the Purchase Order is formed by a repeating group of segments, always starting with the LIN segment.

Dependency Notes:

C829 is only used when sub-lines are required.

Example:

LIN+1++4000862141404:SRV'

Manor:

This segment is mandatory.

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Group: **SG28** Status: C Max. occ.: 200000 LIN-PIA-QTY-SG32

Segment: **PIA** No: 12 Level: 2 **Additional product id**
Status: M Max. Occ.: 3

Description: Additional product id

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
4347	Product identifier code qualifier	M an..3	M*	+1	1 Additional identification
C212	Item number identification	M	M		
7140	Item identifier	C an..35	R	+ABC1234	
7143	Item type identification code	C an..3	R	:GB'	GB Buyer's internal product group code

Comment EANCOM:

This segment is used to specify additional or substitutional item identification codes such as a buyer's, or seller's item number.

Example:

PIA+1+1234:GB'

Manor:

This segment with the buyer's internal group and the qualifier 'GB' is optional.

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Group: **SG28** Status: C Max. occ.: 200000 LIN-PIA-QTY-SG32

Segment: **QTY** No: 13 Level: 2 **Quantity**
Status: M Max. Occ.: 2

Description: Quantity

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
C186	Quantity details	M	M		
6063	Quantity type code qualifier	M an..3	M*	+153	47 153 Invoiced quantity Statistical sales quantity
6060	Quantity	M an..35	M	:48	
6411	Measurement unit code	C an..3	D	:	KGM kilogram LTR litre MTR metre DS display

Comment EANCOM:

This segment is used to specify the total quantity ordered for the current line identified in the LIN segment.
DE 6063: Code value '59' is only to be used in the orders message for confirmation purposes and not to change any information previously agreed and contained in a price or product catalogue.

Example:

QTY+153:48'

Manor:

The segment with the invoiced quantity and the qualifier '47' is mandatory for billing reports. The quantity will be positive if the quantity will be invoiced and negative if the quantity will be credited.
The segment with the number of consumer units in the traded unit and the qualifier '59' is optional.

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Group: **SG28** Status: C Max. occ.: 200000 LIN-PIA-QTY-SG32

Group: **SG32** Status: C Max. occ.: 2 PRI

Segment: **PRI** No: 14 Level: 2 **Price details**
Status: M Max. Occ.: 1

Description: Price details

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
C509	Price information	C	R		
5125	Price code qualifier	M an..3	M	+AAA	AAA AAE Calculation net Information price, excluding allowances or charges, including taxes
5118	Price amount	C n..15	R	:14.58	
5375	Price type code	C an..3	O	:CT'	CT Contract

Comment EANCOM:

This segment is used to detail the price for the current product identified in the LIN segment.
The calculation price detailed in the Purchase Order will always be the Net Unit Price, i.e., Gross Price + Charges - Allowances.

Example:

PRI+AAE:20.5'

Manor:

The segment with the net price and the qualifier 'AAA' and/or the sales price with the qualifier 'AAE' will be transmitted.

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Segment: **UNS** No: 15 Level: 0 Section control
 Status: M Max. Occ.: 1

Description: Section control

Description of the segments:

EDIFACT			Usage		
Description	St Format	St	Example	Remarks	
0081	Section identification	M a1	M* +S'	S	Detail/summary section separation

Comment EANCOM:

This segment is used to separate the detail and summary sections of the message.

Example:

UNS+S'

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Segment: **CNT** No: 16 Level: 1 Control total
 Status: C Max. Occ.: 10

Description: Control total

Description of the segments:

EDIFACT			Usage		
Description	St Format	St	Example	Remarks	
C270	Control	M	M		
6069	Control total type code qualifier	M an..3	M* +2	2	Number of line items in message
6066	Control total value	M n..18	M :157'		

Comment EANCOM:

This segment is used to provide message control totals.
 There are four LIN segments in the current message.

Example:

CNT+2:157'

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Segment: **UNT** No: 17 Level: 0 Message trailer
 Status: M Max. Occ.: 1

Description: Message trailer

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
0074	Number of segments in a message	M n..10	M	+25	The total number of segments in the message is detailed here.
0062	Message reference number	M an..14	M	+1'	The message reference number detailed here should equal the one specified in the UNH segment.

Comment EANCOM:

This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example:

UNT+25+1'

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Segment: **CNT** No: 16 Level: 1 Control total
 Status: C Max. Occ.: 10

Description: Control total

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
C270	Control	M	M		
6069	Control total type code qualifier	M an..3	M*	+2	2 Number of line items in message
6066	Control total value	M n..18	M	:157'	

Comment EANCOM:

This segment is used to provide message control totals. There are four LIN segments in the current message.

Example:

CNT+2:157'

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Segment: **UNZ** No: 18 Level: 0 Interchange trailer
Status: M Max. Occ.: 1

Description: Interchange trailer

Description of the segments:

EDIFACT			Usage		
	Description	St Format	St	Example	Remarks
0036	Interchange control count	M n..6	M	+1	Number of messages or functional groups within an interchange.
0020	Interchange control reference	M an..14	M	+12345555	Identical to DE 0020 in UNB segment.

Comment EANCOM:

This segment is used to provide the trailer of an interchange.

Example:

Example:
UNZ+5+12345555'