



REWE INTERNATIONAL STANDARD
PURCHASE ORDERS for Central Ordering
Definition
EANCOM 2002

Author: Ewald Arnold

Version: 005

From: 21.11.2005

Purchasing Order Message

	UNH	1	M	1	MESSAGE HEADER
	BGM	2	M	1	Beginning of message
	DTM	3	M	1	Date/time/period
	SG2		M	4	NAD-LOC-SG3-SG5
	NAD	4	M	1	Name and address
	SG28		M	200000	LIN-PIA-IMD-MEA-QTY-DTM-MOA-GIN-QVR-FTX-SG28-SG29-SG30...
	LIN	5	M	1	Line item
	QTY	6	M	1	Quantity
	DTM	7	M	1	Date/time/period
	UNS	8	M	1	SECTION CONTROL
	UNT	9	M	1	MESSAGE TRAILER

EXPLANATION:

This description of the PURCHASE ORDER message as used by the REWE International trading companies conforms to the ORDERS-Standard-Definition of the EAN Austria. Because the REWE Concern doesn't need all the data elements in the EANCOM-ORDERS-Definition, many of the them have been left out here, unless they have been deemed mandatory by the EAN.

The abbreviations in the EDIFACT column mean the following:

- n series of numbers followed by the length of the series (i.e. the number of characters)
- a series of letters followed by the length of the series (i.e. the number of characters)
- an series of letters and numbers followed by the length of the series (i.e. the number of characters)

- M Mandatory
- C Conditionally

The abbreviations in the EAN column mean the following:

- M Mandatory (The entity is required and must be sent)
- D Dependent (indicates that the entity must be sent under certain conditions, as defined by the relevant explanatory note)
- O..... Optional (indicates that the entity is optional and may be sent at the discretion of the user)
- N Not used (indicates that the entity isn't used and should be omitted)
- R Required (The entity is required and must be sent)

UNB - M 1 - INTERCHANGE HEADER				
Function : To start, identify and specify an interchange				
Segment number : 1				
	EDIFACT	EAN	*	Description
S001 SYNTAX IDENTIFIER	M	M		
0001 Syntax identifier	M a4	M	*	UNOA
0002 Syntax version number	M n1	M	*	3 = Syntax version number 3
S002 INTERCHANGE SENDER	M	M		
0004 Sender identification	M an..35	M		Sender's mail-box address
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International
S003 INTERCHANGE RECIPIENT	M	M		
0010 Recipient identification	M an..35	M		Recipient's mail-box address
0007 Partner Identification code qualifier	C an..4	R	*	14 = EAN International
S004 DATE/TIME OF PREPARATION	M	M		
0017 Date	M n6	M		YYMMDD
0019 Time	M n4	M		HHMM
0020 Interchange control reference	M an..14	M		Unique ascending consecutive reference number identifying the interchange. Created by the interchange sender.
S005 RECIPIENT'S REFERENCE PASSWORD	C	N		
0026 Application reference	C an..14	O		Message identification if the interchange contains only one type of message.
0029 Processing priority code	C a1	N		
0031 Acknowledgement request	C n1	N		
0032 Communications agreement identification	C an..35	N		
0035 Test indicator	C n1	O		1 = Interchange is a test

Segment Notes

This UNB segment along with the last segment, the UNZ Segment (DE0036), is used to envelope the interchange.

Example:

UNB+UNOA:3+9011550000002:14+9002233000001:14+051110:9005+373530EK00300++ORDERS'

In this example 9011550000002 is the sender's mail-box address and 9002233000001 is the recipient's mail-box address.

UNH - M 1 - MESSAGE HEADER				
Function : To head, identify and specify a message				
Segment number : 1				
	EDIFACT	EAN	*	Description
0062 Message reference number	M an..14	M		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 identifier	M an..6	M	*	ORDERS = Purchase order message
0052 Message type version number	M an..3	M	*	D = Draft directory
0054 Message type release number	M an..3	M	*	01B = Version 2001 - B
0051 Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	R	*	EAN010 = EAN Version control number
<u>Segment notes</u>				
Example: UNH+1+ORDERS: ORDERS:D:01B:UN:EAN010'				

BGM - M 1 - Beginning of message					
Function :		To indicate the type and function of a message and to transmit the identifying number.			
Segment number :		2			
		EDIFACT	EAN	*	Description
C002	DOCUMENT/MESSAGE NAME	C	R		
1001	Document/message name, coded	C an..3	R	*	220 = Order 402 =Cross docking order
1131	Code list qualifier	C an..3	N		
3055	Code list responsible agency, coded	C an..3	N		
1000	Document/message name	C an..35	N		
1004	Document/message number	C an..35	R		Order number assigned by document sender
1225	Message function, coded	C an..3	R	*	9 = Original
<u>Segment Notes</u>					
DE 1004: This is always the order number assigned by REWE.					
<p>The REWE ordering number system consists of a 10-digit numerical series for REWE orders. For Cross-docking orders and orders for central allocation to the outlets, the 5-digit outlet number is added to the REWE order number. The outlet number has been included so that the suppliers can clearly recognise the type of order and can therefore deliver the goods pre-picked. However only the 10-digit REWE order number is registered in the central RWE Warehouse IT system. This means, e.g., in the case of an electronic delivery slip (EANCOM-DESADV) only the first 10 digits of the order number of an open order can be identified by the IT system.</p>					
<p>Example: BGM+220+26320+9'</p>					

DTM - M 1 - Date/time/period				
Function To specify date and/or time or period				
Segment number : 3				
	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	137 =Document/message date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		102 = CCYYMMDD
<u>Segment Notes</u>				
This segment is used to specify the message date.				
Example:				
DTM+137:20050622:102'				

SG2 - M 4 - NAD-LOC-SG3-SG5				
NAD - M 1 - Name and address				
Function		To specify the name/address and their related function, either by C082 only and/or structured by C080 thru 3207.		
Segment number : 4				
	EDIFACT	EAN	*	Description
3035 Party Qualifier	M an..3	M		BY = Buyer SU = Supplier DP = Delivery Party OB = Ordered by UC = Ultimate consignee
C082 PARTY IDENTIFICATION DETAILS	C	R		
3039 Party identification	M an..35	M		GLN – Location code – format n13
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering Association)
<u>Anmerkung zu Segment.</u>				
This segment is used to identify the trading partners involved in the Order process.				
DE 3039: The EAN Location Code (BBN-13) is used to identify the company.				
Examples of different types of warehouse deliveries:				
1 A classic order for the REWE International warehouse				
In this example the GLN 9002233000001 represents the buyer of the delivery, the supplier GLN-13 is 9012345000001 and 9002233047111 is the ILN of the delivery address and of the orderer of the goods.				
NAD+BY+9002233000001::9'				
NAD+SU+9012345000001::9'				
NAD+DP+9002233047111::9'				
NAD+OB+9002233047111::9'				
2 Cross-docking Order with Pre-Picking				
In this example the GLN 9002233000001 represents the buyer of the delivery, the supplier GLN-13 is 9012345000001 and 9002233047111 is the delivery address (=Cross-docking warehouse) and the orderer is the outlet 9002233003221. In this case for purposes of pre-picking the outlet is the orderer of the goods.				
NAD+BY+9002233000001::9'				
NAD+SU+9012345000001::9'				
NAD+DP+9002233047111::9'				
NAD+UC+9002233003221::9'				
3. Central allocation to the outlets:				
GLN 9002233000001 represents the buyer of the delivery, the supplier GLN-13 is 9012345000001. 9002233003221 is the ILN of the REWE International outlet in NAD+DP (delivery address) and the orderer of the goods is the warehouse 9002233047111 over which the allocation will take place. The outlet in this example is the delivery destination.				
NAD+BY+9002233000001::9'				
NAD+SU+9012345000001::9'				
NAD+DP+9002233003221::9'				
NAD+OB+9002233047111::9'				

SG28 - M 200000 - LIN-PIA-QTY-DTM-FTX-SG32-SG33				
LIN - M 1 - Line item				
Function To identify a line item and a configuration				
Segment number : 5				
	EDIFACT	EAN	*	Description
1082 Line item number	C n..6	R		Application generated number of the count of the order lines
1229 Action reques/notification, coded	C an..3	N		
C212 ITEM NUMBER IDENTIFICATION	C	R		GTIN, format n..14
7140 Item number	C an..35	R		
7143 Item number, coded	C an..3	R	*	SRV =EAN.UCC Global Trade Item Number
<p><u>Segment Notes</u> This segment is used to identify the item being ordered. The detail section of the Purchase Order is formed by a repeating group of segments, always starting with the LIN segment.</p> <p>For purposes of identification the EAN number will be given a REWE-order unit</p> <p>Example: LIN+1++90123345000001:SRV'</p>				

SG28 - M 200000 - LIN-PIA-QTY-DTM-FTX-SG32-SG33				
QTY - M 1 - Quantity				
Function : To specify a pertinent quantity				
Segment number : 6				
	EDIFACT	EAN	*	Description
C186 QUANTITY DETAILS	M	M		
6063 Quantity, qualifier	M an..3	M	*	21 = Ordered quantity
6060 Quantity	M n..15	M		
6411 Measure unit qualifier	C an..3	O		KGM = Kilogram MTK = Square Meter MTQ = Cubic Meter MTR = Meter
<u>Segment Notes</u>				
This segment is used to specify the total quantity for the current line identified in the LIN segment.				
The quantity is to be specified in REWE International order units.				
DE6411: This DE is only used if te product ordere dis a variable quantity product. Otherwise it may not be used..				
Example: In this example the supplier has to deliver 100 order units to REWE International.				
QTY+21:100'				

SG28 - M 200000 - LIN-PIA-QTY-DTM-FTX-SG32-SG33				
DTM - M 1 - Date/time/period				
Function To specify date, and/or time or period				
Segment number : 7				
	EDIFACT	EAN	*	Description
C507 DATE/TIME/PERIOD	M	M		
2005 Date/time/period qualifier	M an..3	M	*	2 = Delivery date/time, requested
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R		203 = CCYYMMDDHHMM
<u>Segment notes</u>				
The DTM-segment is used to specify the date (and possibly time) of the delivery of the currently identified product.				
Example: DTM+2:200506021700:203'				
In the case of orders from the REWE International warehouse, the warehouse IT system can only assign delivery dates to the line item. CAUTION! When you receive EANCOM orders from the REWE outlets at the same time, the delivery dte will be in the head note of the message.				

UNS - M 1 - SECTION CONTROL				
Function : To separate header, detail and summary sections of a message.				
Segment number : 8				
	EDIFACT	EAN	*	Description
0081 Section identification, coded	M a1	M	*	S = Separation of detail/summary section
<p><u>Section Notes</u></p> <p>This segment is used to separate the detail and summary sections of the message.</p> <p>Example: UNS+S'</p>				

UNT - M 1 - MESSAGE TRAILER				
Function : To end and check the completeness of a message.				
Segment number : 9				
	EDIFACT	EAN	*	Description
0074	Number of segments in a message	M n..6	M	Total number of segments in the message
0062	Message reference number	M an..14	M	Message reference equal to message reference in the UNH segment
<u>Segment Notes</u>				
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.				
Example: UNT+12+1'				

UNZ - M 1 - INTERCHANGE TRAILER				
Function : To end and check the completeness of a message.				
Segment number : 2				
	EDIFACT	EAN	*	Description
0036 Interchange control count	M n..6	M		Count of the UNH-UNT segments
0020 Interchange control reference	M an..14	M		Identical to DE 0020 in the UNB segment
<u>Segment Notes</u>				
Example: UNZ for message number 373530EK00300 with one UNH-UNT segment.				
UNZ+1+373530EK000300'				

Examples of Purchase Orders

1. Normal order for delivery to the warehouse:

Note: Both the orderer and delivery destination are the REWE International warehouse.

UNB+UNOA:3+9002233000001:14+5411677000203:14+051118:0800+373530EK00300'
UNH+1+ORDERS:D:01B:UN:EAN010'
BGM+220+2005000012+9'
DTM+137:20051118:102'
NAD+BY+9002233000001::9'
NAD+SU+9011500000002::9'
NAD+DP+9002233400108::9'
NAD+OB+9002233400108::9'
LIN+1+++4038300141990:SRV'
QTY+21:30'
DTM+2:200511181600:203'
LIN+2+++4001686372241:SRV'
QTY+21:160'
DTM+2:200511190800:203'
UNS+S'
UNT+15+1'
UNZ+1+373530EK00300'

2. Cross-docking Order:

Note: The order was generated by an outlet, the delivery destination ist he REWE International warehouse.

UNB+UNOA:3+9002233000001:14+5411677000203:14+051118:0800+373530EK00300'
UNH+1+ORDERS:D:01B:UN:EAN010'
BGM+402+200500001200322+9'
DTM+137:20051118:102'
NAD+BY+9002233000001::9'
NAD+SU+9011500000002::9'
NAD+DP+9002233400108::9'
NAD+UC+9002233003221::9'
LIN+1+++4038300141990:SRV'
QTY+21:30'
DTM+2:200511181600:203'
LIN+2+++4001686372241:SRV'
QTY+21:160'
DTM+2:200511190800:203'
UNS+S'
UNT+15+1'
UNZ+1+373530EK00300'

3. Order for central allocation to the outlets:

Note: The warehouse ordered the goods, the delivery destination ist he REWE International outlet.

UNB+UNOA:3+9002233000001:14+5411677000203:14+051118:0800+373530EK00300'
UNH+1+ORDERS: D:01B:UN:EAN010'
BGM+220+200500001200322+9'
DTM+137:20051118:102'
NAD+BY+9002233000001::9'
NAD+SU+9011500000002::9'
NAD+DP+9002233003221::9'
NAD+OB+9002233400108::9'
LIN+1+++4038300141990:SRV'
QTY+21:30'
DTM+2:200511181600:203'
LIN+2+++4001686372241:SRV'
QTY+21:160'
DTM+2:200511190800:203'
UNS+S'
UNT+15+1'
UNZ+1+373530EK00300'