



REWE INTERNATIONAL STANDARD

DESADV WAREHOUSE

Definition EANCOM 2002

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Version: 003

from: 17.05.2006

Despatch Advise

UNH	1	M	1	Message Header
BGM	2	M	1	Beginning of message
DTM	3	M	2	Date/time/period
SG1		C	3	RFF-DTM
RFF	4	M	1	Reference
DTM	5	C	1	Date/time/period
SG2		M	7	NAD
NAD	6	M	1	Name and address
SG6		C	1	TDT
TDT	7	M	1	Details of transport
SG10		C	9999	CPS-SG11-SG17
CPS	8	M	1	Consignment packing sequence
SG11		C	9999	PAC-MEA-SG12-SG13
PAC	9	M	1	Package
MEA	10	C	4	Measurements
SG12		C	1	HAN
HAN	11	M	1	Handling instructions
SG13		C	1	PCI-SG15
PCI	12	M	1	Package identification
SG15		M	1	GIN
GIN	13	M	1	Goods identity number
SG17		C	9999	LIN-IMD-QTY-SG22
LIN	14	M	1	Line item
PIA	15	C	1	Additional product identification
IMD	16	C	1	Item description
MEA	17	C	1	Measurements
QTY	18	M	2	Quantity
MOA	19	C	1	Monetary amount
SG18		C	1	RFF-DTM
RFF	29	C	1	Reference
SG22		C	1	PCI-DTM-SG23
PCI	21	M	1	Package identification
DTM	22	C	2	Date/time/period
SG23		C	1	GIN
GIN	23	M	1	Goods identity number
UNT	24	M	1	Message trailer

Additional information:

This description of the DESADV message - to be sent to the REWE headquarter only – is based on the EANCOM DESADV standard definitions. Since REWE Austria does not require all EANCOM data elements for its incoming DESADV messages, all “optional” EANCOM data elements, which are not required by REWE AT, have been omitted.

This DESADV message serves both direct store delivery, and warehouse delivery announcements. Differences, which derive from that fact, will be explained further down this document.

Character Type:

- n numeric characters
- a alphabetic character
- an alpha-numeric characters

Status Indicator:

- M Mandatory (Indicates that the entity is mandatory and must be sent)
- D Dependend (Indicates that the entity must be sent in 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 is not used and should be omitted)
- R Required (Indicates that the entity is required and must be sent)

UNB	- M	1	Interchange header		
Function:		To start, identify and specify an interchange			
Segment number		:0			
Data element group/Data element	Format	EAN	*	Description	
S001 Syntax identifier	M	M			
0001 Syntax identifier	M a4	M	*	UNOA	
0002 Syntax versions number	M n1	M	*	3 = Syntax version number 3	
S002 Interchange sender	M	M			
0004 Sender identification	M an..35	M		Mailbox address of the sender (GLN)	
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International	
S003 Interchange recipient	M	M			
0010 Recipient identification	M an..35	M		Mailbox address of the recipient (GLN)	
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International	
S004 Date/Time of preparation	M	M			
0017 Date	M n6	M		YYMMTT	
0019 Time	M n4	M		HHMM	
0020 Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.	
S005 Recipient's reference password	C	N			
0026 Application reference	C an..14	M		Message identification if the interchange contains only one type of message. For a ease processing DESADVSTOCK	
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 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 (together with the UNZ 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+UNOA:3+9011550000002:14+9002233000001:14+051110:9005+90115500000300++DESADVSTOCK'

In this example 9011550000002 is the mailbox-id of the sender , and 9002233000001 the mailbox-id (=GLN) of the recipient.

UNH - M 1 - Message header				
Function : To head, identify and specify a message.				
Segment number : 1				
Data element group/Data element	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 identical. Sender generated.
S009 Message identifier	M	M		
0065 Message type identifier	M an..6	M	*	DESADV = Despatch advice 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	*	EAN007 = EAN Version number (EAN-Code)
0068 Common access reference	C an..35	N		
S010 Status of the transfer	C	N		
0070 Sequence message transfer number	M n..2			
0073 First/last sequence message transfer indication	C a1			
<u>Segment Notes</u>				
Example: UNH+ME000001+DESADV:D:01B;UN:EAN007'				

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				
Data element group/Data element	EDIFACT	EAN	*	Description
C002 Document/message name	C	R		
1001 Document/message name, coded	C an..3	R	*	351 = Despatch advice message
1131 Code list qualifier	C an..17	N		
3055 Code list responsible agency, coded	C an..3	N		
1000 Document/message name	C an..35	N		
C106 Document/message identification	C	R		
1004 Document/message number	C an..35	R		Despatch Advice number assigned by the document sender.
1056 Version number	C an..9	N		
1060 Revision number	C an..6	N		
1225 Message function, coded	C an..3	R	*	9 = Original
4343 Response type, coded	C an..3	N		
<u>Segment Notes.</u>				
<ul style="list-style-type: none"> - Message type – despatch advice (DE1001 = 351); mandatory - Despatch advice number (DE1004); Mandatory 				
<p>DE1004: the despatch advice number must not be greater than 15 characters (alphanumeric). This is a REWE limitation. The number of the DESADV must be identical to the paper based despatch note. Should there be any differences, the number printed on the paper based despatch note must be specified in the RFF segment (DE 1153 = DQ).</p>				
<p>Note: In the case of cross-docking (packages, pre-picked by the supplier) it is expected to receive an uniquely assigned delivery despatch number for the delivery of goods. The number itself: the first 10 characters must contain the purchase order number from REWE. Characters 11-15 can be used to identify the store number, but anyway the warehouse computer application system of REWE processes only the first 10 characters. For each cross-docking delivery with one purchase order number it is expected one collective despatch advice number.</p>				
<p>Example: BGM+351+58871+9'</p>				

DTM - M 2- Date/time/period				
Function : To specify date and/or time or period				
Segment number : 3				
Data element group/Data element	EDIFACT	EAN	*	Description
C507 Date/time/period	M	M		
2005 Date/time/period qualifier	M an..3	M	*	137 Document/message date/time 17 = Delivery date/time, estimated
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R	*	102 = CCYMMDD 203 = CCYMMDDHHMM
<u>Segment Notes.</u>				
This segment is used to specify the date of the Despatch advice or the date related to the delivery of goods.				
Example:				
The following despatch advice is sent on 22nd June 2002 and delivery will take place on 6th July 2002. at 10 o'clock in the morning.				
DTM+137:20020622:102'				
DTM+17:200207061000:203'				
It is a binding requirement to state the delivery date and the time with the qualifier 203.				

SG1 - C 3 - RFF-DTM				
RFF - M 1 - Reference				
Function : To specify a reference				
Segment number : 4				
Data element group/Data element	EDIFACT	EAN	*	Description
C506 Reference	M	M		
1153 Reference qualifier	M an..3	M	*	ON = Order number (buyer) VN = Order number (supplier) DQ = Delivery note number
1154 Reference number	C an..70	R		
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	N		
1060 Revision number	C an..6	N		
Segment Notes:				
<ul style="list-style-type: none"> - Rewe Austria Purchase number (DE1153 = ON); It is mandatory and consists of a maximum length of 10 characters. Note: In the case of cross-docking (packages, pre-picked by the supplier) it is expected to receive a uniquely assigned delivery despatch number for the delivery of goods. The number itself: the first 10 characters must contain the purchase order number from Rewe. Characters 11-15 can be used to identify the store number, but anyway the warehouse computer application system of Rewe processes only the first 10 characters. For each cross-docking delivery with one purchase order number it is needed one collective despatch advice number. - Order number (supplier) (DE1153 = VN); Optional Note: This number is MANDATORY for CRP suppliers (supplier sends the ORDERS)! - Delivery note number (DE1153 = DQ); Optional – please read the Segment notes of the BGM Segment Mandatory – if the delivery note number differs from the DESADV number (DE1004 in the BGM-Segment) <p>Example :</p> <p>RFF+ON:2005002630'</p>				

SG1 - C 3 - RFF-DTM				
DTM - C 1 - Date/time/period				
Function : To specify date and/or time or period				
Segment number : 5				
Data element group/Data element	EDIFACT	EAN	*	Description
C507 Date/time/period	M	M		
2005 Date/time/period qualifier	M an..3	M	*	171 = Reference date/time
2380 Date/time/period	C an..35	R		
2379 Date/time/period format qualifier	C an..3	R	*	102 = JJJJMMTT
<u>Segment Notes</u>				
Reference to the order date; mandatory				
Example :				
DTM+171:20051101:102'				

SG2 - C 7 - NAD				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by CO82 only and/or structured by CO80 thru 3207.				
Segment number : 6				
Data element group/Data element	EDIFACT	EAN	*	Description
3035 Party qualifier	M an..3	M	*	BY = Buyer DP = Delivery Party IV = Invoicee OB = Ordered by SU = Supplier UC = Ultimate consignee LSP = Logistic service provider
C082 Party identification details	C	R		
3039 Party identification	M an..35	M		GLN - Format n13
1131 Code list qualifier	C an..17	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address line	M an..35			
3124 Name and address line	C an..35			
3124 Name and address line	C an..35			
3124 Name and address line	C an..35			
3124 Name and address line	C an..35			
C080 Party name	C	N		
3036 Party name	M an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3036 Party name	C an..35			
3045 Party name format, coded	C an..3			
C059 Street	C	N		
3042 Street and number/p.o. box	M an..35			
3042 Street and number/p.o. box	C an..35			
3042 Street and number/p.o. box	C an..35			

Data element group/Data element	EDIFACT	EAN	*	Description
3042 Street and number/p.o. box	C an..35			
3164 City name	C an..35	N		
C819 Country sub entity details	C	N		
3229 Country sub entity identification	C an..9			
1131 Code list	C an..17			
3055 Code list responsible agency	C an..3			
3228 Country sub entity	C an..70			
3251 Postcode identification	C an..17	N		
3207 Country, coded	C an..3	N		
<u>Segment Notes.</u>				
<ul style="list-style-type: none"> - Buyer (DE3035 = BY); mandatory. - Supplier (DE3035 = SU); mandatory - Delivery Party (DE3035=DP); mandatory - Ultimate Consignee (DE3035=UC); in case of Crossdocking Orders mandatory, else optional (REWE International doesn't read out this information) - Ordered by (DE3035 = OB); in case of cross docking mandatory, else optional – in case of cross docking with pre-picking this field is interpreted as delivery party if no delivery party is defined - Invoiceer (DE3035 = IV); optional; N 13 NAD+IV+9012345000059::9' 				
<p>For warehouse delivery: If delivery party is identical with the purchaser (orderd by), only BY, SU and DP are required.</p> <p>For cross docking delivery: BY, SU, OB and DP are binding. OB is the retail store, for which the goods will be pre-picked, the DP (Delivery Party) is the cross docking warehouse where the goods will be handed over. If the ultimate consignee (NAD+UC) is not defined, the ILN from the NAD+OB is interpreted as ultimate consignee.</p>				
<p>The NAD-segment is used to identify the business partner. The delivery address is the main adress and valid for all line items.</p> <p>DE 3039: To identify the EAN-location (ILN-13).</p>				
<p>Example: In this example 9002233000001 is the buyer, 9012345000001 is the GLN of the supplier and 9002233221114 the GLN of the delivery party.</p>				
<p>NAD+SU+9012345000001::9' NAD+BY+9002233000001::9' NAD+DP+9002233221114::9'</p>				

SG6 - C					1 - TDT				
TDT - M					1 - Details of transport				
Function :					To specify the transport details such as mode of transport, means of transport, ist conveyance reference number and the identification of the means of transport				
Segment number :					7				
Data element group/Data element		EDIFACT	EAN	*	Description				
8051	Transport stage qualifier	M an..3	M	*	20 = main run				
8028	Conveyance reference number	C an..17	N						
C220	Mode of transport	C	R						
8067	Mode of transport, coded	C an..3	R		20 = Rail transport 30 = Road transport 50 = Mail				
8066	Mode of transport	C an..17	N						
C228	Means of transport	C	O						
8179	Type of means of transport identification	C an..8	M		25 = Rail express X05 Road parcel express (EAN-Code) X09 = Parcel post (EAN-Code - book) X13 = Air mail (EAN-Code - book) X11 = Surface mail (EAN-Code - book)				
8178	Type of means of transport	C an..17	N						
C040	Carrier	C	N						
3127	Carrier identification	C an..17							
1131	Code list qualifier	C an..17							
3055	Code list responsible agency, coded	C an..3							
3128	Carrier name	C an..35							
8101	Transit direction, coded	C an..3	N						
C401	Excess transportation information	C	N						
8457	Excess transportation reason, coded	M an..3							
8459	Excess transportation responsibility, coded	M an..3							
7130	Customer authorization number	C an..17							
C222	Transport identification	C	O						
8213	Id. of means of transport identification	C an..9							
1131	Code list qualifier	C an..17							

Data element group/Data element	EDIFACT	EAN	*	Description
3055 Code list responsible agency, coded	C an..3			Vehicle licence plate/Aircraft number
8212 Id. of the means of transport	C an..35			
8453 Nationality of means of transport, coded	C an..3			
8281 Transport ownership, coded	C an..3	N		
<u>Segment Notes.</u>				
- Mode of transport (DE8067);optional				
Example :				
TDT+20++30'				
The type of means of transport can be detailed in DE8179.				

SG10 - M 9999 - CPS-SG11-SG17				
CPS - M 1 - Consignment packing sequence				
Function : To identify the sequence in which physical packin is presented in the sonsignment and optionally to identify the hierarchical relationship between packing layers.				
Segment number : 8				
Data element group/Data element	EDIFACT	EAN	*	Description
7164 Hierarchical id. number	M an..35	M		Sequential numbering required.
7166 Hierarchical parent id.	C an..35	D		
7075 Packaging level, coded	C an..3	N		
<u>Segment Notes.</u>				
The CPS segment is the trigger forthe detail section..				
Warehouse delivery: This CPS Segment is followed by a PAC-Segment, specifying the number and type of the packages/physical units. If the physical units are not identified by a SSCC (Serial shipping container code) then the CPS-Segment is only used as a Dummy Segment to distinguish between header and detail section of the DESADV message.				
Example: CPS+1'				
Only for packages/physical units identified by a SSCC the CPS-Segments are used to describe a hierarchical level. The content of each SSCC is subsequently described in the LIN segment.				
Example: CPS+2+1'				

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
PAC - M	1 - Package			
Function :	To describe the number and type of packages/physical units.			
Segment number :	9			
Data element group/Data element	EDIFACT	EAN	*	Description
7224 Number of packages	C n..8	R		
C531 Packaging details	C	N		
7075 Packaging level, coded	C an..3			
7233 Packaging related information, coded	C an..3			
7073 Packaging terms and conditions, coded	C an..3			
C202 Package type	C	M		
7065 Type of package identification	C an..17	M		PK = Package
1131 Code list qualifier	C an..17	N		
3055 Code list responsibl agency, coded	C an..3	D		9 = EAN (International Article Numbering Association)
7064 Type of packages	C an..35	N		
C402 Package type identification	C	N		
7077 Item description type, coded	M an..3			
7064 Type of packages	M an..35			
7143 Item number type, coded	C an..3			
7064 Type of packages	C an..35			
7143 Item number type, coded	C an..3			
C532 Returnable package details	C	N		
8395 Returnable package freight payment responsibility, coded	C an..3			
8393 Returnable package load contents, coded	C an..3			

Segment Notes

- Number of packages (DE7224) conditionally mandatory (only in case of SSCC)
- Type of packages (DE7065) optional

Example :

For total shipment

The delivery consists of two standard EURO pallets.

PAC+2++201'

This information must be repeated for each type of package (different types of pallets).

For transport unit (with SSCC):

The PAC segment refers to a transport unit with a SSCC and is a trigger for measures, the SSCC and handling instructions.

- Number/Type of package (actual transport unit)

For an EURO pallet with SSCC the number of packages in DE7224 is always 1.

PAC+1++201'

- Number of packages in transport unit (DE7224) ; (conditionally mandatory) (only for SSCC); N 15

PAC+20++PK'

This segment is a trigger for the next MEA-segment.

SG10 - M	9999 - CPS-SG11-SG17			
SG11 - C	9999 - PAC-MEA-SG12-SG13			
MEA - C	4- Measurements			
Function :	To specify physical measurements, including dimension tolerances, weights and counts.			
Segment number :	10			
Data element group/Data element	EDIFACT	EAN	*	Description
6311 Measurement application qualifier	M an..3	M	*	PD = physical dimensions (product ordered) AAD = Total gross weight AAW = Gross volume LN = Length dimension WD = Width dimension HT = Hight dimension AAB = Unit gross weight KGM = Kilogram MTQ = Cubic metre MMT = Milli metre
C502 Measurement details	C	R		
6313 Measurement dimension, coded	C an..3	R	*	
6321 Measurement significance	C an..3	N		
6155 Measurement attribute, coded	C an..17	N		
6154 Measurement attribute	C an..70	N		
C174 Value/range	C	R		
6411 Measure unit qualifier	M an..3	R		
6314 Measurement value	C an..18	R		
6162 Range minimum	C n..18	N		
6152 Range maximum	C n..18	N		
6432 Significant digits	C n..2	N		
7383 Surface/layer indicator, coded	C an..3	N		

Segment Notes

For total shipment:

- Gross volume (DE6313 =AAW); optional; N 15+3
MEA+PD+AAW+MTQ:15'

- Total gross weight (DE6313 = AAD); optional; N 15+3
MEA+PD+AAD+KGM:150'

Example :

The total gross weight for the two EURO pallets (from PAC-segment) is 300 kilogram.
MEA+PD+AAD+KGM:300'

For transport unit (with SSCC):

- Length dimension (DE6313 = LN); optional; N 15+3
MEA+PD+LN+MMT:1200'

- Width dimension (DE6313 = WD); optional; N 15+3
MEA+PD+WD+MMT:800'

- Height dimension (DE6313 = HT); optional; N 15+3
MEA+PD+HT+MMT:1000'

- Unit gross weight (DE6313 = AAB); optional; N 15+3
MEA+PD+AAB+KGM:200'

SG10 - M 9999 - CPS-SG11-SG17
 SG11 - C 9999 - PAC-MEA-SG12-SG13
 SG12 - C 1 - HAN

HAN - M 1 - Handling instructions

Function : To specify handling and where necessary, notify hazards.

Segment number : 11

Data element group/Data element	EDIFACT	EAN	*	Description
C524 Handling Instructions	C	R		
4079 Handling instruction description code	C an..3	R		3 = Stacked CRU = Crushable (EAN-Code) FTD = Frost danger (EAN-Code)
1131 Code list identification, coded	C an..17	N		
3055 Code list responsible agency, coded	C an..3	D	*	9 = EAN (International Article Numbering Association)
4078 Handling instruction description	C an..70	N		
C218 Hazardous material	C	N		
7419 Hazardous material category name, coded	C an..7			
1131 Code list identification, coded	C an..17			
3055 Code list responsible agency, coded	C an..3			
7418 Hazardous material category name	C an..35			

Segment Notes

This segment is used to provide handling instructions relevant to the packaging unit and SSCC level. See the code list for further codes.

For transport unit:

- Handling instruction description (DE4079); optional; A/N 3

HAN+CRU::9'

SG10 - M	9999 - CPS-SG11-SG17				
SG11 - C	9999 - PAC-MEA-SG12-SG13				
SG13 - C	1 - PCI-SG15				
PCI - M	1 - Package identification				
Function :	To specify markings and labels on individual packages or physical units.				
Segment number :	12				
Data element group/Data element	EDIFACT	EAN	*	Description	
4233 Marking instructions, coded	C an..3	R	*	33E = Marked with serial shipping container code (EAN Code) 41G = Marked with Global Returnable Asset Identifier Code (GRAI Code)	
C210 Marks and labels	C	N			
7102 Shipping marks	M an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
8275 Container/package status, coded	C an..3	N			
C827 Type of marking	C	N			
7511 Type of marking, coded	M an..3				
1131 Code list qualifier	C an..17				
3055 Code list responsible agency, coded	C an..3				

Segment Notes.

This segment is also only used on the level of the SSCC or GRAI identified packages.

This segment is the trigger for the following GIN segment with the SSCC or GRAI.

Example for SSCC:

PCI+33E'

Example for GRAI:

PCI+41G'

SG10 - M	9999 -	CPS-SG11-SG17			
SG11 - C	9999 -	PAC-MEA-SG12-SG13			
SG13 - C	1 -	PCI-SG15			
SG15 - M	1 -	GIN			
GIN - M	1 -	Goods identity number			
Function : To give specific identification numbers, either as single numbers or ranges.					
Segment number : 13					
Data element group/Data element	EDIFACT	EAN	*	Description	
7405 Identity number qualifier	M an..3	M	*	BJ = Serial shipping container code DB = Global Returnable Asset Identifier Code	
C208 Identity number range	M	M			
7402 Identity number	M an..35	M			
7402 Identity number	C an..35	N			
C208 Identity number range	C	N			
7402 Identity number	M an..35				
7402 Identity number	C an..35				
C208 Identity number range	C	N			
7402 Identity number	M an..35				
7402 Identity number	C an..35				
C208 Identity number range	C	N			
7402 Identity number	M an..35				
7402 Identity number	C an..35				
C208 Identity number range	C	N			
7402 Identity number	M an..35				
7402 Identity number	C an..35				

Segment Notes.

This segment (GIN+BJ) is also only used on the level of the SSCC identified packages.

SSCC (DE7402) mandatory. ; N 18

Example :

GIN+BJ+354123450000000001'

This segment (GIN+DB) is used for displaying the Global Returnable Asset Identifier Code in the form of a serial ID

GRAI (DE7402) mandatory.

Example :

GIN+DB+0405151399999800432841'

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22			
LIN - M	1 - Line item			
Function :	To identify a line item and configuration			
Segment number :	14			
Data element group/Data element	EDIFACT	EAN	*	Description
1082 Line item number	C an..6	R		Application generated number of the item lines within the Despatch Advice
1229 Action request/notification coded	C an..3	N		
C212 Item number identification	C	R		Format n..14, EAN/GTIN – this is the number of the delivered article
7140 Item number	C an..35	R		
7143 Item number type, coded	C an..3	R	*	SRV = EAN.UCC International Article number/Global Trade Item Number, EAN/GTIN
1131 Code list qualifier	C an..17	N		
3055 Code list responsible agency, coded	C an..3	N		
C829 Sub-line information	C	D		1 = Sub line information
5495 Sub-line indicator, coded	C an..3	M	*	
1082 Line item number	C an..6	M		
1222 Configuration level	C n..2	N		
7083 Configuration, coded	C an..3	N		

Segment Notes.

The LIN segment indicates an ordered item (GTIN of order unit)

For warehouse delivery the segment group SG17 follows SG10, if the total shipment in SG10 CPS segment is not divided into packages with SSCC. Only for packages with SSCC the whole segment group SG10 with the LIN segment at the beginning, is inserted (after the CPS segment SG10)

The DE1082 must be a serial number, designating each separate item within the DESADV (UNH segment to UNT segment).

- GTIN article identification (DE7140), mandatory
- Line item number (DE1082), mandatory

C829 with DE5495 and DE1082 is only used in special case: To describe a mixed assortment! A mixed assortment consists of at least two different articles (GTIN) . Indication of a mixed assortment there must additionally be at least two sub-lines item (LIN) positions – each with its related QTY segment – to indicate the assortment components. are contained.

Example:

LIN+3++90123345000001: SRV'

Note:

C212: This data element group is used for identification of EAN/UPC-codes.

The article with EAN 90123345000001 is a mixed assortment and consists of the articles 9004800991538 and 9014100005613.

LIN+3++90123345000001: SRV'

LIN+4++9004800991538:SRV+1:3'

.

.

LIN+5++9014100005613:SRV+1:3'

The article with EAN 90123345000001 is a mixed assortment and consists of the articles 9004800991538 and 9014100005613:

The number 3 in DE1082 refers to the main mixed assortment article with line item 3.

LIN+4++9004800991538:SRV+1:3'

.

.

LIN+5++9014100005613:SRV+1:3'

SG10 - M	9999 - CPS-SG11-SG15			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18- SG22			
PIA - C	10 - Additional product identification			
Function :	To specify additional or substitutional item identification codes.			
Segment nummer:	15			
	EDIFACT	EAN	*	Description
4347 Product id. Function qualifier.	M an..3	M	*	1 = additional identification
C212 ITEM NUMBER IDENTIFICATION	M	M		
7140 Item number	C an..35	M		4711 = Ear-tag of the delivered cattle
7143 Item number type, coded	C an..3	M		CAT = Cattle ear tag
1131 Code list qualifier	C an..3	N		
3055 Code list responsible agency, coded	C an..3	N		
C212 ITEM NUMBER IDENTIFICATION	C	N		
7140 Item number	C an..35			
7143 Item number, coded	C an..3			
1131 Code list qualifier	C an..3			
3055 Code list responsible agency, coded	C an..3			
C212 ITEM NUMBER IDENTIFICATION	C	N		
7140 Item number	C an..35			
7143 Item number, coded	C an..3			
1131 Code list qualifier	C an..3			
3055 Code list responsible agency, coded	C an..3			
C212 ITEM NUMBER IDENTIFICATION	C	N		
7140 Item number	C an..35			
7143 Item number, coded	C an..3			
1131 Code list qualifier	C an..3			
3055 Code list responsible agency, coded	C an..3			
C212 ITEM NUMBER IDENTIFICATION	C	N		
7140 Item number	C an..35			
7143 Item number, coded	C an..3			
3055 Code list qualifier	C an..3			
1131 Code list responsible agency, coded	C an..3			

Segment Notes

This segment is only used to indicate the number of the ear-tag of ordered cattle. In this case this information is MANDATORY!

Example:

PIA+1+4711:CAT'

SG10 - M 9999 - CPS-SG11-SG17
 SG17 - C 9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22

IMD - C 1 - Item description

Function : To describe an item in either an industry or free format.

Segment number : 16

Data element group/Data element	EDIFACT	EAN	*	Description
7077 Item description type, coded	C an..3	R	*	C = Code (from industry code list)
C272 Item characteristic	C	N		
7081 Item characteristic, coded	C an..3			38 = Grade (Standard of quality description for cattle and pork)
1131 Codeliste, Code	C an..17			
3055 Code list responsible agency, coded	C an..3			
C273 Item description	C	M		
7009 Item description, coded	C an..17	R	*	SG = standard group of products (mixed assortment) (EAN code) E = excellent U = very good R = good
1131 Codelist qualifier	C an..17	N		
3055 Code list responsible agency, coded	C an..3	R	*	9 = EAN (International Article Numbering Association)
7008 Item description	C an..256	N		
7008 Item description	C an..256	N		
3453 Language name, coded	C an..3	N		
7383 Surface or layer code	C an..3	N		

Segment Notes

This segment is only used to describe an actual line item. It is recommended to use coded description.

- Item description for mixed assortement (DE7009=SG);optional; AN 3

IMD+C++SG::9'

- Example, if the IMD segment is used for quality description of cattle and pork (in this case mandatory). In DE7009 the qualifiers O = medium and P = poor are not used for quality description of cattle and pork, because these quality levels are not accepted at REWE International warehouses.

IMD+C+38+E'

SG10 - M 9999 - CPS-SG11-SG17

SG17 - C 9999 - LIN-IMD-MEA-QTY-MOA-SG22

MEA - C 1 - Measurements

Function : To specify physical measurements, including dimension tolerances, weights and counts.

Segment number : 17

Data element group/Data element	EDIFACT	EAN	*	Description
6311 Measurement application qualifier	M an..3	M	*	ABW = Maßeinheit für berechnete Mengen
C502 Measurement details	C	M		
6313 Measurement dimension, coded	C an..3	M	*	AAL = Nettogewicht
6321 Measurement significance, coded	C an..3	N		
6155 Measurement attribute, coded	C an..17	N		
6154 Measurement attribute, coded	C an..70	N		
C174 Value/range	C	M		
6411 Measure unit qualifier	M an..3	M		KGM = Kilogramm
6314 Measurement value	C an..18	M		
6162 Range minimum	C n..18	N		
6152 Range maximum	C n..18	N		
6432 Significant digits	C n..2	N		
7383 Surface/layer indicator, coded	C an..3	N		

Segment Notes.

Setting of the data fields from ECR.

This segment is used to specify the actual physical dimensions of the line item being despatched where the product is sold in variable lengths or volumes.

It is used to specify weights for weighted items.

This specification of measures occurs together with qualifier 12 in the QTY segment.

- Measure for invoice (DE6311 = ABW and DE6313 = AAL); conditionally mandatory, N 7+3

This segment is mandatory for variable quantities (weighted items).

MEA+ABW+AAL+KGM:22.4'

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22			
QTY - M	2- Quantity			
Function :	To specify a pertinent quantity.			
Segment number :	18			
Data element group/Data element	EDIFACT	EAN	*	Description
C186 Quantity details	M	M		
6063 Quantity qualifiers	M an..3	M	*	12 = Despatch quantity in REWE International ordering units 59 = Number of consumer units in the traded unit 45E = Number of units in higher packaging or configuration level (EAN Code)
6060 Quantity	M an..35	M		
6411 Measure unit qualifier	C an..3	D		PCE = piece

Segment Notes

This segment is used to specify the quantity of the product identified in the LIN segment .

In general the despatch unit (DE6063 = 12) is also the ordering unit of REWE International.

- Indication of the despatch quantity in the invoicing unit of REWE Austria (DE6063 = 12); Mandatory for any delivery
- Additional indication of the delivered sales units (DE6063 = 59). This is important to count back between the order units and the sales units; Mandatory

Examples:

1. Delivery in order units:

In this example the supplier delivers a quantity of 400 order units to REWE Austria, which consists of a quantity of 4000 sales units.

QTY+12:400'

QTY+59:10'

2. Delivery of variable quantity products:

In this example a quantity of 2 order units will be delivered with a total weight of 5.94 kilogram. The indication of the sales units is not needed because the product will be sold by the weight to the consumer in the retail store.

MEA+ABW+AAL+KGM:5.94 '

QTY+12:2'

3. Quantity of a mixed assortment:

The indication of a quantity of a single component in a mixed assortment relates always to the mixed assortment.

LIN+2+++90123345000001: SRV '

IMD+C++SG::9'

QTY+12:1'

QTY+59:1'

. LIN+3+++9004800991538:SRV+1:2'

QTY+45E:2'

SG10 - M 9999 - CPS-SG11-SG17				
SG17 - C 9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22				
MOA - C 1 - Monetary amount				
Function : To specify monetary amounts related to the line item.				
Segment number : 19				
Data element group/Data element	EDIFACT	EAN	*	Description
C210 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M		203 = Line item amount
5004 Monetary amount	M n..35	M		
6345 Currency identification code	M an..3	M		ISO 4217 three alpha
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment Notes</u>				
This segment can be used to specify monetary amounts related to the line item, acting as indicative price, pre-advice to the recipient, or required by the consignee to prepare customs clearance procedures.				
Example: MOA+203:66.60:EUR'				

SG10 - M 9999 - CPS-SG11-SG17
 SG17 - C 9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22
 SG18 - C 3 - RFF-DTM
 RFF - M 1 - Reference

Function To specify a reference.

Segment number :20

	Format	EAN	*	Description
C506 Referenz	M	M		
1153 Reference qualifier	M an..3	M		ON = order number (buyer) BT = slaughter number API = farmer's identification number
1154 Reference number	C an..35	M		Order number, slaughter number or farmer's identification number
1156 Line number	C an..6	N		
4000 Reference version number	C an..35	N		

Segment Notes.

Indication of the qualifier ON in DE1153 is only used if this is explicitly agreed with REWE Austria.

The qualifier BT and API must and can only be transmitted if cattle or pork is ordered and delivered.

Otherwise this segment must be omitted.

Example:

RFF+ON:51523'

SG10 - M	9999 - CPS-SG11-SG17				
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22				
SG22 - C	1 - PCI-DTM-SG23				
PCI - M	1 - Package identification				
Function :	To specify markings and labels on individual packages or physical units.				
Segment number :	21				
Data element group/Data element	EDIFACT	EAN	*	Description	
4233 Marking instructions, coded	C an..3	R	*	36E = Marked with batch number (EAN-Code) 38E = Marked with expiry date (EAN-Code) 39E = Marked with best before date (EAN-Code)	
C210 Marks and labels	C	N			
7102 Shipping marks	M an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
7102 Shipping marks	C an..35				
8275 Container/package status, coded	C an..3	N			
C827 Type of marking	C	N			
7511 Type of marking, coded	M an..3				
1131 Code list qualifier	C an..17				
3055 Code list responsible agency, coded	C an..3				

Segment Notes.

This PCI segment is the trigger for the following indication of the batch number, the best before date and the expiry date. This information is mandatory for foods delivered to a REWE International warehouse.

Example:

Batch number

PCI+36E'

GIN+BX+9905'

Best before date

PCI+39E'

DTM+361:20060404:102'

Expiry date

PCI+38E'

DTM+36:20060708:102'

SG10 - M	9999 - CPS-SG11-SG17				
SG17 - C	9999 - LIN-PIA-IMD-QTY-MOA-SG18-SG22				
SG22 - M	1 - PCI-DTM-SG23				
DTM - C	2 - Date/time/period				
Function	: To specify date and/or time or period				
Segment number	: 22				
Data element group/Data element	EDIFACT	EAN	*	Description	
C507 Date/time/period	M	M			
2005 Date/time/period qualifier	M an..3	M	*	361 = Best before date 36 = Expiry date	
2380 Date/time/period	C an..35	R			
2379 Date/time/period format qualifier	C an..3	R	*	102 = CCYYMMDD	
<u>Segment Notes</u>					
<p>If the best before date must be stated on the product because of legal requirements or the best before date was agreed with REWE International, then this information is mandatory; Conditional Mandatory</p> <p>This conditional mandatory indication applies also to single components in a mixed assortment (Indication in the mixed assortment has to be omitted).</p> <p>DTM+361:19990720:102'</p> <p>- Expiry date (The expiry date has to be used for perishable goods, which can represent a direct risk to the health. If the expiry date is over selling of these goods is forbidden); optional field, D 8</p> <p>DTM+36:20041012:102'</p>					

SG10 - M	9999 - CPS-SG11-SG17			
SG17 - C	9999 - LIN-PIA-MD-QTY-MOA-SG18-SG22			
SG22 - M	1 - PCI-DTM-SG23			
SG23 - C	1 - GIN			
GIN - M	1 - Goods identity number			
Function :	To give specific identification numbers, either as single numbers or ranges			
Segment number :	23			
Data element group/Data element	EDIFACT	EAN	*	Description
7405 Identity number qualifier	M an..3	M	*	BX = Batch number
C208 Identity number range	M	M		
7402 Identity number	M an..35	M		
7402 Identity number	C an..35	N		
C208 Identity number range	C	N		
7402 Identity number	M an..35			
7402 Identity number	C an..35			
C208 Identity number range	C	N		
7402 Identity number	M an..35			
7402 Identity number	C an..35			
C208 Identity number range	C	N		
7402 Identity number	M an..35			
7402 Identity number	C an..35			
C208 Identity number range	C	N		
7402 Identity number	M an..35			
7402 Identity number	C an..35			
<u>Segment Notes</u>				
If the goods are groceries or other goods according to the EU act 178 of traceability, the indication of the batch number is recommended to localise the delivered branches in case of recalls (optional).				
The optional indication is also effective for single components of a mixed assortment (the indication in the mixed assortment has to be omitted).				
- Batch number; optional field; A/N 35				
GIN+BX+9905'				

UNT - M 1 - Message trailer				
Function : To end and check the completeness of a message				
Segment number : 24				
Data element group/Data element	EDIFACT	EAN	*	Description
0074 Number of segments in a message	M n..6	M		The total number of segments in the message is detailed here.
0062 Message reference number	M an..14	M		The message reference number detailed here should equal the one specified in the UNH segment.
<u>Segment Notes</u>				
This segment is a mandatory UN/EDIFACT segment.				
Example: UNT+35+ME000001'				

UNZ - M 1 - Interchange trailer				
Function : To end and check the completeness of a message				
Segment number : 24				
	Format	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 DE2000 in the UNB segment.
<u>Segment Notes.</u>				
Example:				
UNZ for the message number 90115500000300 with one UNH-UNT segment.				
UNZ+1+90115500000300'				

Examples:
1. DESADV Warehouse

Three types of DESADV will be described in the following examples: DESADV warehouse without SSCC, DESADV warehouse with SSCC and Cross-Docking with pre-picking.

1a. DESADV warehouse without SSCC

UNB+UNOA:3+9012345000001:14+9002233000001:14+050501:9005+9011550000032A++DESADVSTOCK'	Interchange header Interchange start with the interchange control reference number "9011550000032A" and with the indication that this interchange contains only one type of message.
UNH+1+DESADV:D: 01B:UN:EAN007'	Message header with the message reference number 1.
BGM+351+0011157252+9'	Despatch advice number 0011157252 (in this case identical with the paper based despatch note number in the RFF segment)
DTM+137:20050501:102'	Message date = 1.5.2005
DTM+17:200505100900:203'	Delivery date: 10.5.2005, 9 o'clock
RFF+ON:2005005689'	Reference to REWE International order number.
DTM+171:20050425:102'	Date of the order: 25.4.2005
RFF+DQ: 0011157252'	Delivery note number
NAD+SU+9012345000001::9'	Supplier identification by the GLN
NAD+BY+9002233000001::9'	Buyer identification, also the party to whom the invoice is issued (here the REWE International company BILLA).
NAD+DP+9002233221114::9'	Delivery party = GLN of the specific REWE International warehouse
TDT+20++30'	Indication of the method of transport (here road transport)
CPS+1'	Trigger segment for the detail section
PAC+2++201'	Two EURO pallets (Code 201)
MEA+PD+AAD+KGM:360'	Total weight of the pallets 360 kg
LIN+1++90123345000001:SRV'	Line item with the sequential number 1, product identified by GTIN 9012345000001
QTY+12:400'	Delivery quantity of the despatched order units.
QTY+59:10'	Additional indication of the REWE International sales units.
MOA+203+86.60:EUR'	Monetary amount in Euro.
PCI+36E '	Trigger segment for the batch number.
GIN+BX+9901'	Indication of batch number (9901) in line item.
PCI+39E '	Trigger segment for the best before date.
DTM+361:20050901:102'	Indication of best before date (1.9.2005) in line item..
LIN+2++90123345003331:SRV'	Line item with the sequential number 2, product identified by GTIN 90123345003331.
MEA+ABW+AAL+KGM:22.4'	Delivered and invoiced weight of 22.4 kilogram (variable quantity – weighted item)
QTY+12:23'	Delivery quantity of the despatched order units..

MOA+203+75:EUR'	Monetary amount in Euro.
PCI+36E'	Triggersegment for the batch number.
GIN+BX+9905'	Indication of batch number (9905) in line item
PCI+39E'	Trigger segment for the best before date.
DTM+361:20050901:102'	Indication of best before date (1.9.2005) in line item..
LIN+3+++90123345002631:SRV'	Line item with the sequential number 3. Through the followed sub-lines LIN' 4 and 5, this LIN is identified as a mixed assortment (Therefore Indication of batch number and minimum durability will be made in the component LIN's 4 and 5.)
IMD+C++SG:9'	Indication that this is a mixed assortment.
QTY+12:12'	Delivery quantity of the despatched order units
QTY+59:1'	Additional indication of sales units in one order unit (has to be always 1 for mixed assortment)
MOA+203+89.70+EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for the batch number.
GIN+BX+9909'	Batch number of mixed assortment.
LIN+4+++90123345002631:SRV+1:3'	Line item with the sequential number 4. Through the reference to LIN number 3, this article is identified as a component of the mixed assortment.
QTY+45E+20'	Quantity of component in mixed assortment
LIN+5+++90123345002631:SRV+1:3'	Line item with the sequential number 5. Through the reference to LIN number 3, this article is identified as a component of the mixed assortment.
QTY+45E+10'	Quantity of component in mixed assortment
UNT+42+1'	Message Trailer with the total number of segments in the message (42) and the reference number equal to the one specified in the UNH segment (1).
UNZ+1+9011550000032A'	Interchange trailer with the total number of contained messages (1) and with the interchange reference number of the UNB segment.

1b DESADV warehouse with SSCC

UNB+UNOA:3+9012345000001:14+9002233000001:14+050501:9005+9011550000032B++DESADVSTOCK'	Interchange header Interchange start with the interchange control reference number "9011550000032B" and with the indication that this interchange contains only one type of message.
UNH+1+DESADV:D: 01B:UN:EAN007'	Message header with the message reference number 1.
BGM+351+0011157252+9'	Despatch advice number 0011157252 (in this case identical with the paper based despatch note number in the RFF segment)
DTM+137:20050501:102'	Message date= 1.5.2005
DTM+17:200505100900:203'	Delivery date 10.5.2005 at 9 o'clock
RFF+ON:2005005689'	Consignment is related to the REWE order number 2005005689.
DTM+171:20050425:102'	Date of order 25.4.2005
RFF+DQ: 0011157252'	Delivery note number
NAD+SU+9012345000001::9'	Supplier identification by the GLN
NAD+BY+9002233000001::9'	Buyer identification, also the party to whom the invoice is issued (here the REWE International company BILLA).

NAD+DP+9002233221114::9'	Delivery party = GLN of the specific REWE International warehouse
TDT+20++30'	Indication of the method of transport (here road transport)
CPS+1'	Trigger segment for the detail section
PAC+2++201'	The shipment consists of two EURO pallets (Code 201)
MEA+PD+AAD+KGM:360'	Total weight of the pallets 360 kg
CPS+2+1'	This segment describes the first pallet (of the shipment) which is uniquely identified by a SSCC. The composition of the shipment was described under the first CPS.
PAC+1++201'	One EURO pallet
MEA+PD+AAB+KGM:178'	Unit gross weight of the pallet is 178 kg
MEA+PD+LN+MMT:1200'	Length of the pallet 1200mm
MEA+PD+WD+MMT:800'	Width of the pallet 800mm
MEA+PD+HT+MMT:1200'	Height of the pallet 1200mm
PCI+33E'	Pallet is marked with SSCC
GIN+BJ+354123450000000001'	SSCC
PAC+20++PK'	Pallet contains 20 REWE order units.
LIN+1+++90123345000001:SRV'	Line item with the sequential number 1
QTY+12:400'	Delivery quantity of the despatched order units.
QTY+59:10'	Additional indication of the REWE sales units.
MOA+203+86.60:EUR'	Monetary amount in Euro.
PCI+36E '	Trigger segment for batch number.
GIN+BX+9906'	Batch number
PCI+39E '	Trigger segment for best before date
DTM+361:20050901:102'	Best before date (1.9.2005)
CPS+3+1'	This segment describes the second pallet (of the shipment) which is uniquely identified by a SSCC. The composition of the shipment was described under the first CPS.
PAC+1++201'	One EURO pallet
MEA+PD+AAB+KGM:450'	Unit gross weight of the pallet is 450 kg
MEA+PD+LN+MMT:1200'	Length of the pallet 1200mm
MEA+PD+WD+MMT:800'	Width of the pallet 800mm
MEA+PD+HT+MMT:1200'	Height of the pallet 1200mm
PCI+33E'	Pallet is marked with SSCC
GIN+BJ+354123450000000002'	SSCC
PAC+20++PK'	Pallet contains 20 REWE order units.
LIN+2+++90123345003331:SRV'	Line item with the sequential number 2. Through the followed sub-lines LIN' 3and 4, this LIN is identified as a mixed assortment (Therefore Indication of batch number and minimum durability will be made in the component LIN's 4 and 5.)
MEA+ABW+AAL+KGM:439.5'	Delivered and invoiced weight of 439.5 kilogram (variable quantity – weighted item)
QTY+12:440'	Delivery quantity of the despatched order units.
MOA+203+205:EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for batch number
GIN+BX+9978'	Batch number
PCI+39E'	Trigger segment for best before date
DTM+361:20050901:102'	Best before date (1.9.2005)

UNT+49+1'	Message Trailer with the total number of segments in the message (49) and the reference number equal to the one specified in the UNH segment.
UNZ+1+9011550000032B'	Interchange trailer with the total number of contained messages (1) and with the interchange reference number of the UNB segment.

1c. DESADV warehouse with GRAI

UNB+UNOA:3+9012345000001:14+9002233000001:14+991110:9005+9011550000032B++DESADVSTOCK'	Interchange header Interchange start with the interchange control reference number "9011550000032B" and with the indication that this interchange contains only one type of message.
UNH+1+DESADV:D:96A:UN:EAN005'	Message header with the message reference number 1.
BGM+351+0011157252+9'	Despatch advice number 0011157252 (in this case identical with the paper based despatch note number in the RFF segment)
DTM+137:20020622:102'	Message date= 22.06.2002
DTM+17:200207061020:203'	Delivery date 06.07.2002 at 10:20
RFF+ON:12332'	Consignment is related to the REWE order number 12332.
DTM+171:20020302:102'	Date of order 02.03.2002
RFF+DQ: 0011157252'	Delivery note number
NAD+SU+9012345000001::9'	Supplier identification by the GLN
NAD+BY+9002233000001::9'	Buyer identification, also the party to whom the invoice is issued (here the REWE International company BILLA).
NAD+DP+9002233221114::9'	Delivery party = GLN of the specific REWE International warehouse
TDT+20++30'	Indication of the method of transport (here road transport)
CPS+1'	Trigger segment for the detail section
PAC+2'	2 returnable containers in total

CPS+2+1'	This segment describes the first returnable container (of the shipment) which is uniquely identified by a GRAI. The composition of the shipment was described under the first CPS.
PAC+1'	1. returnable container
PCI+41G'	transport unit is provided with a GRAI code - Global Returnable Asset Identifier
GIN+DB+0405151399999800432841'	GRAI – serialized display
LIN+1++90123345000001:EN'	Line item with the sequential number 1
QTY+12:18'	Delivery quantity of the despatched order units.
QTY+59:1'	Additional indication of the REWE sales units.
PCI+36E'	trigger segment for batch number
GIN+BX+9906'	batch number
PCI+39E'	trigger segment for best before date
DTM+361:20030901:102'	best before date
LIN+2++90123356000001:EN'	Line item with the sequential number 2
QTY+12:5'	Delivery quantity of the despatched order units.
QTY+59:1'	Additional indication of the REWE sales units.
PCI+36E'	trigger segment for the batch number.
GIN+BX+9901'	batch number
PCI+39E'	trigger segment for best before date
DTM+361:20030901:102'	best before date
CPS+3+1'	This segment describes the second returnable container (of the shipment) which is uniquely identified by a GRAI. The composition of the shipment was described under the second CPS.
PAC+1'	2. returnable container
PCI+41G'	transport unit is provided with a GRAI code - Global Returnable Asset Identifier
GIN+DB+0405151399999000432841'	GRAI – serialized display
LIN+3++90123356003331:EN'	Line item with the sequential number 3
QTY+12:36'	Delivery quantity of the despatched order units.
QTY+59:2'	Additional indication of the REWE sales units.
PCI+36E'	trigger segment for the batch number.
GIN+BX+9905'	batch number
PCI+39E'	trigger segment for best before date
DTM+361:20030901:102'	best before date
LIN+4++90123356003331:EN'	Line item with the sequential number 4
QTY+12:3'	Delivery quantity of the despatched order units.
QTY+59:1'	Additional indication of the REWE sales units.
PCI+36E'	trigger segment for the batch number.
GIN+BX+9902'	batch number
PCI+39E'	trigger segment for best before date
DTM+361:20030901:102'	best before date

UNT+50+1'	Message Trailer with the total number of segments in the message (50) and the reference number equal to the one specified in the UNH segment.
UNZ+1+901155000032B'	Interchange trailer with the total number of contained messages (1) and with the interchange reference number of the UNB segment.

1d. DESADV warehouse Cross-Docking

UNB+UNOA:3+901234500001:14+9002233000001:14+991110:9005+9011550000032C++DESADVSTOCK'	Interchange header Interchange start with the interchange control reference number "9011550000032C" and with the indication that this interchange contains only one type of message.
UNH+1+DESADV:D: 01B:UN:EAN007'	Message header with the message reference number 1.
BGM+351+0011157252+9'	Despatch advice number 0011157252 (in this case identical with the paper based despatch note number in the RFF segment)
DTM+137:20050505:102'	Message date = 5.5.2005
DTM+17:200505061005:203'	Delivery date 6.5.2005 at 10.05
RFF+ON:2005009999'	Reference to REWE International order number
DTM+171:20050503:102'	Date of the order: 3.5.2005
RFF+DQ: 0011157252'	Delivery note number
NAD+SU+9012345000001::9'	Supplier identification by the GLN
NAD+BY+9002233000001::9'	Buyer identification, also the party to whom the invoice is issued
NAD+DP+9002233221114::9'	Delivery party = GLN of the specific REWE International warehouse
NAD+OB+9002233047114::9'	Ordered by = GLN of the ordered REWE International retail store
CPS+1'	Trigger segment for details
LIN+1++9024701000567:SRV'	Line item with sequential number 1 with indication of delivered REWE International order units (EAN-code)
QTY+12:29'	Delivery quantity of the despatched order units
QTY+59:12'	Additional indication of the REWE International sales units.
MOA+203+177.65:EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for batch number.
GIN+BX+9978'	Batch number
PCI+39E'	Trigger segment for best before date.
DTM+361:20050901:102'	Best before date
LIN+2++9024712080905:SRV'	Line item with sequential number 2 with indication of delivered REWE International order units (EAN-code)
QTY+12:31'	Delivery quantity of the despatched order units
QTY+59:6'	Additional indication of the REWE International sales units.
MOA+203+86.60:EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for batch number.
GIN+BX+9968'	Batch number
PCI+39E'	Trigger segment for best before date.
DTM+361:20050901:102'	Best before date
UNT+29+1'	Message Trailer with the total number of segments in the message (29) and the reference number equal to the one specified in the UNH segment (1).
UNH+2+DESADV:D:96A:UN:EAN005'	Message header with the message reference number 2.

BGM+351+0011157252+9'	Beginning of the second message: Despatch advice number 0011157252 (in this case identical with the paper based despatch note number in the RFF segment)
DTM+137:20050505:102'	Message date = 5.5.2005
DTM+17:200505061005:203'	Delivery date 6.5.2005 at 10:05
RFF+ON:2005009999'	Reference to REWE International order number
DTM+171:20050503:102'	Date of order: 3.5.2005
RFF+DQ: 0011157252'	Delivery note
NAD+SU+9012345000001::9'	Supplier identification by the GLN
NAD+BY+9002233000001::9'	Buyer identification, also the party to whom the invoice is issued (here REWE International company BILLA)
NAD+DP+9002233221114::9'	Delivery party = GLN of the specific REWE International warehouse
NAD+OB+9002233047126::9'	Ordered by = GLN of the ordered REWE International retail store
CPS+1'	Trigger segment for details
LIN+1++90123345003331:SRV'	Line item with sequential number 1 with indication of delivered REWE International order units (EAN-code)
QTY+12:34'	Delivery quantity of the despatched order units
QTY+59:5'	Additional indication of the REWE International sales units.
MOA+203+99.80:EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for batch number.
GIN+BX+99958'	Batch number
PCI+39E'	Trigger segment for best before date.
DTM+361:20050901:102'	Best before date
LIN+2++90123345002631:SRV'	Line item with sequential number 2 with indication of delivered REWE International order units (EAN-code)
QTY+12:170'	Delivery quantity of the despatched order units
QTY+59:5'	Additional indication of the REWE International sales units.
MOA+203+86.60:EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for batch number.
GIN+BX+97958'	Batch number
PCI+39E'	Trigger segment for best before date.
DTM+361:20050901:102'	Best before date
LIN+3++90123345002631:SRV'	Line item with sequential number 3 with indication of delivered REWE International order units (EAN-code)
QTY+12:340'	Delivery quantity of the despatched order units
QTY+59:8'	Additional indication of the REWE International sales units.
MOA+203+205:EUR'	Monetary amount in Euro.
PCI+36E'	Trigger segment for batch number.
GIN+BX+9478'	Batch number
PCI+39E'	Trigger segment for best before date.
DTM+361:20050803:102'	Best before date
UNT+36+2'	Message Trailer with the total number of segments in the message (36) and the reference number equal to the one specified in the UNH segment (2).
UNZ+2+9011550000032C'	Interchange trailer with the total number of contained messages (2) and with the interchange reference number of the UNB segment.