RECEIVING ADVICE MESSAGE FOR HUNGARY

BASIC STANDARD:
EANCOM® - 2002.
DESADV MESSAGE
UN/EDIFACT D.01B
Version: 005

Created by:
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Content

Definition

The Receiving Advice message addresses the business needs related to the receipt of goods. It is used either:

- to confirm reception of goods
- in conjunction with the Despatch Advice message to confirm receipt or to advice discrepancies following the reception of goods and/or the controlled contents of a despatch which has been accepted (the waybill is signed).
- to inform about discrepancies between goods received and goods ordered/planned.

Principles

The message relates to one consignor and one consignee and is initiated by the party who has received the goods and/or services according to agreed conditions.

The message relates to a single despatch point and a single receiving point. It may cover a number of different items or packages.

It allows the buyer or recipient of goods to provide the supplier or respective agent with:

- a confirmation of the receipt of goods
- a notification on discrepancies between the number of items <u>RECEIVED AND ACCEPTED</u> and the number of items despatched (and/or ordered)
- a notification or instruction concerning the acceptance or suggested actions for the identified discrepancies.
- an instruction for corrections to be undertaken on the invoice or credit notes to be issued which are based on the despatch advice or despatch note. The receiver of goods may also correct internal invoice(s) for goods which are eventually passed on to the final customer.

The Receiving Advice should always be sent by the buyer to the supplier or their respective agents after the goods are physically received and inspected.

The message should be sent within a commercially agreed time period e.g. 24 hours after receipt of goods. This makes it possible for the supplier to check the data of the despatch, adjust the invoice, control internal procedures, count stock etc.

Scenarios for the Receiving Advice Message

Any number of business needs and actions affecting the whole production/ordering, delivery and invoicing cycle can arise as a result of the actual delivery of goods.

Discrepancies between goods received and accepted, and goods expected to be delivered might lead to adjustments of delivery schedules, orders, invoices, etc. These actions may be covered by the Receiving Advice, other EDI messages and via other communication channels.

Trading partners should review their business procedures and identify those functions and actions which may be covered by the Receiving Advice message. Scenarios covered by the Receiving Advice message can range from simple to complex, determining the ease and degree of automation.

Simple Scenario

Within a simple scenario, the Receiving Advice message is only used to confirm or advise discrepancies related to the Despatch Advice or note.
When only confirming the reception and acceptance of goods, only the header section of the Receiving Advice message need be transmitted. Confirmation of reception might trigger invoicing for goods and services or may be used by the supplier to control the performance of contracted transportation services.

Within a simple scenario, the Receiving Advice is only used to notify discrepancies between goods received and accepted and goods despatched as communicated in the Despatch Advice. In these cases, the Receiving Advice will usually involve information related to goods lost, stolen or damaged in transit, short or excess shipments, unknown items, etc.

Any adjustments to delivery schedules or purchase orders will have been dealt with beforehand or will be handled through other EDI messages or by other communication channels.
Actions to be taken related to any discrepancies may be agreed beforehand and can be specified in the interchange agreement.

Complex Scenario

The functionalities covered by the Receiving Advice within a more complex scenario may include those described above as part of the simple scenario and in addition, information or instructions which might alter an existing delivery schedule, outstanding order, invoice, etc.

Within a more complex scenario the Receiving Advice message might notify discrepancies for both despatched and received and accepted quantities AND despatched and ordered or planned quantities, e.g. a Receiving Advice could change the status of a line item on backorder by requesting a new delivery date, cancelling the item, etc.
Within a more complex scenario, suggested actions or instructions relevant to delivery discrepancies may vary depending on stock situation, sales forecasting, etc.

Structure of the Receiving Advice Message

The EANCOM Receiving Advice detail section contains two distinct structures.

1.   CPS-PAC Segment Group Structure

The first is the CPS-PAC Segment Group structure which can be used to provide information at the shipping container level (e.g. containers which have been damaged, serialised containers unknown at the reception point, etc.)

This group of segments allows for the provision of shipping container identification numbers. The function or meaning of the identification numbers transmitted in this part of the message should be bilaterally agreed by trading partners and described in the PCI and GIN segments at the CPS-PAC level.

2.   CPS-LIN Segment Group Structure

The second option is CPS-LIN Segment Group structure which can be used to provide detailed receiving information for a particular item (see 2 A. Receiving Details per Item below). The item may be contained within any given number of shipping containers which are part of the delivery.

Optionally, more specific receiving information for an item within a particular shipping container can be provided (see 2 B. Receiving Details per Serial Shipping Container Code below). In these cases each shipping container is uniquely identified by an EAN Serial Shipping Container Code.

The EAN/UCC Serial Shipping Container Code

The Serial Shipping Container Code (abbreviated SSCC) is an EAN/UCC standard designed to identify uniquely individual transport packages. It enables merchandise that is packed differently from one transport package to another, for example where products are picked and packed to meet individual orders, to be identified. The standard can support operations such as despatch, distribution and receiving of non-standardised packages.

The general code structure is: P   MMMMMMM SSSSSSSSS C
                                        1   <------7--------> <------9-----> 1

where   P   = Packaging indicator
            M..M = EAN/UCC prefix/company number
            S..S = Serial number assigned by the company
            C   = Data check digit

The Serial Shipping Container Code may be bar coded, enabling automatic data capture, using the Application Identifier 00 and the UCC/EAN-128 bar code symbology. For further information please refer to the UCC/EAN Application Identifier Standard.

2 A. Receiving Details per Item

The LIN segment identifies the item and the QTY segment provides the total quantity for the item which has been received and accepted. The quantity in the QTY segment is the global quantity received and accepted and will relate to one or more shipping containers containing the item which are part of the delivery.

Discrepancies between the quantity received and accepted and other quantities (ordered/despatched) and actions to be taken are indicated in the QVR-DTM segments.

No details per specific shipping container are provided in this approach.

2 B. Receiving Details per Serial Shipping Container Code (SSCC)

Additionally, receiving details per specific shipping container containing the item identified in LIN may be provided. In these cases, LIN will identify the item and the receiving details will be provided per shipping container using the segment group PCI-QTY-QVR-GIN.

The PCI-GIN segments are used to provide the Serial Shipping Container Code of the container containing the item identified in LIN (PCI-GIN). The QTY segment indicates the quantity received and accepted for the specific shipping container. The QVR segment provides information on quantity discrepancies and actions to be taken.

There will be as many PCI-QTY-QVR-GIN repetitions as there are shipping containers containing the item identified in LIN.

CPS-LIN Structure Examples:

A delivery consists of a three shipping containers identified by the SSCC's A, B and C. There shipping containers contain three different items: GTIN 1, GTIN 2, GTIN 3 in the following composition:

SSCC A contains 10 GTIN 1
SSCC B contains 10 GTIN 1, 15 GTIN 2 and 20 GTIN 3
SSCC C contains 15 GTIN 2 and 15 GTIN 3.

SHIPMENT DELIVERED:

SSCC - A	SSCC - B	SSCC - C
10 GTIN 1	10 GTIN 1	15 GTIN 2
	15 GTIN 2	15 GTIN 3
	20 GTIN 3	

A. Receiving Details per Item

The Receiving Advice message may specify receiving details globally per item:

                LIN 1   = GTIN 1
                QTY 1   = 20
                LIN 2   = GTIN 2
                QTY 2   = 30
                LIN 3   = GTIN 3
                QTY 3   = 35

B. Receiving Details per Shipping Container

The Receiving Advice message may specify receiving details globally per SSCC:

                LIN 1   = GTIN 1
                PCI-GIN   = SSCC A
                QTY   = 10
                PCI-GIN   = SSCC B
                QTY   = 10

                LIN 2   = GTIN 2
                PCI-GIN   = SSCC B
                QTY   = 15
                PCI-GIN   = SSCC C
                QTY   = 15

                LIN 3   = GTIN 3
                PCI-GIN   = SSCC B
                QTY   = 20
                PCI-GIN   = SSCC C
                QTY   = 15

(Note: For simplicity, the above examples assume that all quantities despatched are received and accepted (no discrepancies). Under such conditions normally no Receiving Advice message would be sent or only the header section of the message would be sent to confirm reception).

Message Structure Chart

Receiving Advice Heading Section

UNH	1	M	1	MESSAGE HEADER
BGM	2	M	1	Beginning of message
DTM	3	M	10	Date/time/period
SG1		M	10	RFF-DTM
RFF	4	M	1	Reference
DTM	5	C	1	Date/time/period
SG4		M	99	NAD
NAD	6	M	1	Name and address
SG10		C	10	TDT
TDT	10	M	1	Details of transport

Receiving Advice Detail Section

SG16		C	9999	CPS-SG17-SG22
CPS	14	M	1	Consignment packing sequence
SG17		C	9999	PAC-OVR-SG20
PAC	15	M	1	Package
OVR	16	C	1	Quantity variances
SG20		C	999	GIN
GIN	18	M	1	Goods identity number
SG22		C	9999	LIN-PIA-QTY-OVR-DTM
LIN	19	M	1	Line item
PIA	20	C	10	Additional product id
QTY	21	M	10	Quantity
OVR	22	C	10	Quantity variances
DTM	23	C	5	Date/time/period

Receiving Advice Summary Section

CNT	27	C	1	Control total
UNT	28	M	1	MESSAGE TRAILER

Branching Diagram
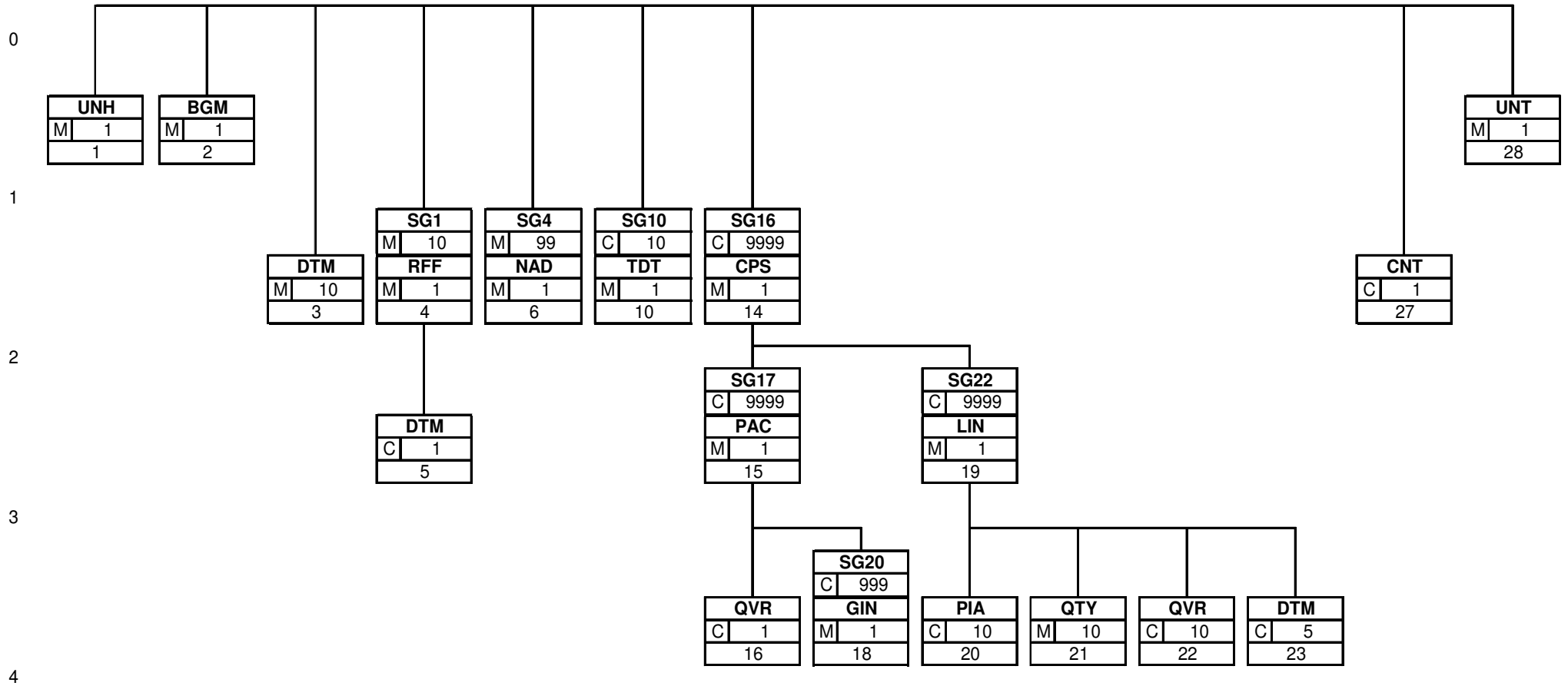
Segments Description

Receiving Advice Heading Section

Serial number	Segment tag	Name	Appli cation	Maximum number of repetitions	Function
1	UNH	MESSAGE HEADER	M	1	This message is used to head, identify and specify a message.
2	BGM	Beginning of message	M	1	This segment is used to indicate the type and function of a message and to transmit the identifying number.
3	DTM	Date/time/period	M	10	This segment is used to specify any dates related to the complete receiving advice message.
SG1	RFF-DTM		M	10	A group of segments giving references where necessary, dates relating to the whole message, e.g. despatch advice, contract number.
4	RFF	Reference	M	1	This segment is used to specify references which apply to the whole receiving advice message.
5	DTM	Date/time/period	C	1	This segment is used to specify dates relating to the references given in the previous RFF segment.
SG4	NAD		M	99	A group of segments identifying names, addresses and locations, relevant to the whole Receiving advice.
6	NAD	Name and address	M	1	This segment is used to identify the trading partners involved in the Receiving Advice message. Identification of the sender and recipient of the goods is mandatory in the Receiving Advice.
SG10	TDT		C	10	A group of segments

					specifying details of the mode and means of transport.
10	TDT	Details of transport	M	1	This segment is used to specify the transport details used to deliver the goods detailed in the receiving advice message.

Receiving Advice Detail Section

Serial number	*Segment tag*	*Name*	*Appli cation*	*Maximum number of repetitions*	*Function*
SG16	CPS-SG17-SG22		C	9999	A group of segments providing details of all packages and/or individual items as received. This segment group provides the capability to give the top-down hierarchical relationship of the package levels.
14	CPS	Consignment packing sequence	M	1	This segment is used to provide a detailed description of the packaging of the goods.
SG17	PAC-QVR-SG20		C	9999	A group of segments identifying packaging, quantities and marks and numbers.
15	PAC	Package	M	1	This segment is used to identify the total number of packages and package types for the hierarchical level identified in the CPS segment.
16	QVR	Quantity variances	C	1	This segment is used to indicate quantity variances related to the currently identified package.
SG20	GIN		C	999	A group of segments giving package identification numbers.
18	GIN	Goods identity number	M	1	This segment is used to provide identification

Serial number	Segment tag	Name	Application	Maximum number of repetitions	Function
					numbers relevant to the packaging unit identified in the PAC segment.
SG22	LIN-PIA-QTY-QVR-DTM		C	9999	A group of segments providing details of the product or service received.
19	LIN	Line item	M	1	This segment is used to identify the product delivered. If a product has been delivered but not accepted it must be identified using a separate line item. In these cases the received and accepted quantities are zero. Such products might include unknown or not ordered products, excess deliveries, damaged goods, unacceptable product variants or batch numbers, different pack size, etc. Reasons for the action are detailed in the QTY-QVR segments.
20	PIA	Additional product id	C	10	This segment is used to specify additional product codes for the current line item.
21	QTY	Quantity	M	10	This segment is used to specify any quantities related to the current line item.
22	QVR	Quantity variances	C	10	This segment is used to specify any variances between what was ordered/shipped and what was received and accepted.
23	DTM	Date/time/period	C	5	This segment is used to specify dates related to the current line item.

Receiving Advice Summary Section

Serial number	Segment tag	Name	Application	Maximum number of repetitions	Function
27	CNT	Control total	C	1	This segment is used to

					provide message control information for checking on the message receiver's in-house system.
				13	
28	UNT	MESSAGE TRAILER	M	1	This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Segment content descriptions

Legends in the detailed description of the segment

Data element tag: Tag of the data element in the standard

Name: Name of the data element

Usage: Indicates whether the data element is mandatory/conditional/dependent:
> M = mandatory
> C = conditional
> D = dependent – it becomes mandatory depending on other data element; relevant explanatory notes could be found in "Notes/dependency descriptions" field.

Format: Indicates the format of the data element can be displayed in the message, possible formats:

a	alphabetic characters
n	numeric characters
an	alpha-numeric characters
a3	3 alphabetic characters, fixed length
n3	3 numeric characters, fixed length
an3	3 alpha-numeric characters, fixed length
a..3	up to 3 alphabetic characters
n..3	up to 3 numeric characters
an..3	up to 3 alpha-numeric characters

Example: Example for the application of data element

Description/code value: Description of the data element or the applicable code value

Notes/dependency descriptions: Notes relating to the segment and the descriptions of the relation between data elements.

Example: Example for the total application of the segment.

Segments of header section

Number	Segment tag	Usage	Maximum number of repetitions
1.	**UNH – Message Header**	**M**	1

Function:					
To head, identify and specify a message.					
Data element tag	Name	Usage	Format	Example	Description/Code value
0062	Message reference number	M	an..14	987654	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	--	--	--
0065	Message type	M	an..6	RECADV	RECADV = Receiving Advice message
0052	Message version number	M	an..3	D	D = Draft version/UN/EDIFACT Directory
0054	Message release number	M	an..3	01B	01B = Release 2001 - B
0051	Controlling agency, coded	M	an..3	UN	UN = UN/CEFACT
0057	Association assigned code	M	an..6	EAN005	EAN005 = EAN version control number (EAN Code)

Notes/Dependency descriptions:

This message is used to head, identify and specify a message.

DE's 0065, 0052, 0054 and 0051: Indicate that the message is a UNSM Receiving Advice based on the D.01B directory under the control of the United Nations.

DE 0057 indicates that the message is the EANCOM version 005 of the Receiving Advice.

Example:

UNH+ME000001+RECADV:D:01B:UN:EAN005'

Number	Segment tag	Usage	Maximum number of repetitions
2.	**BGM – Beginning of message**	**M**	**1**

Function:					
To indicate the type and function of a message and to transmit the identifying number.					

Data element tag	*Name*	*Usage*	*Format*	*Example*	*Description/Code value*
C002	DOCUMENT/ MESSAGE NAME	M	--	--	--
1001	Document name code	M	an..3	632	632 = Goods receipt
C106	DOCUMENT/ MESSAGE IDENTIFICATION	M	--	--	--
1004	Document identifier	M	an..35	REC5488	Receiving Advice number assigned by the document sender.
1225	Message function code	M	an..3	9	9 = Original

Notes/Dependency descriptions:
This segment is used to indicate the type and function of a message and to transmit the identifying number. DE 1004: It is recommended that the length of the document number be restricted to a maximum of 17 characters. All references other than the document message number DE 1004 are to be put into the RFF segment.
Example:
BGM+632+REC5488+9'

Number	Segment tag	Usage	Maximum number of repetitions
3.	**DTM – Date/time/period**	**M**	**10**

Function:

To specify date, and/or time, or period.

Data element tag	Name	Usage	Format	Example	Description/Code value
C507	DATE/TIME/PERIOD	M	--	--	--
2005	Date or time or period function code qualifier	M	an..3	137	137 = Document/message date/time 50 = Goods receipt date/time 35 = Delivery date/time, actual 138 = Payment date
2380	Date or time or period value	M	an..35	20070815	
2379	Date or time or period format code	M	an..3	102	102 = CCYYMMDD 203 = CCYYMMDDHHMM

Notes/Dependency descriptions:

This segment is used to specify any dates related to the complete receiving advice message.
DE 2005: Identification of the 'Document/message date/time' (code value 137) and 'Goods receipt date/time' (code value 50) is mandatory in the message.

Example:

DTM+137:20070815:102'
DTM+50:200708151640:203'
The goods were received on the 15th of August 2007 at 4:40pm.

Number	Segment tag	Usage	Maximum number of repetitions
SG1	**RFF-DTM**	**M**	**10**
4.	**RFF - Reference**	**M**	**1**

Function:

To specify a reference.

Data element tag	Name	Usage	Format	Example	Description/Code value
C506	REFERENCE	M	--	--	--
1153	Reference code qualifier	M	an..3	ON	AAK = Despatch advice number AAU = Despatch note number ON = Order number (buyer) VN = Order number (supplier) CR = Customer reference number
1154	Reference identifier	M	an..70	533662	

Notes/Dependency descriptions:

This segment is used to specify references which apply to the whole receiving advice message.

DE 1153: Identification of the 'Order number (buyer)' (code value ON) is mandatory.

Example:

RFF+ON:533662'

Number	Segment tag	Usage	Maximum number of repetitions
SG1	**RFF-DTM**	**M**	**10**
5.	**DTM – Date/time/period**	**C**	**1**

Function:					
To specify date, and/or time, or period.					

Data element tag	*Name*	*Usage*	*Format*	*Example*	*Description/Code value*
C507	DATE/TIME/PERIOD	M	--	--	--
2005	Date or time or period function code qualifier	M	an..3	171	171 = Reference date/time
2380	Date or time or period value	M	an..35	20070815	
2379	Date or time or period format code	M	an..3	102	102 = CCYYMMDD

Notes/Dependency descriptions:
This segment is used to specify dates relating to the references given in the previous RFF segment.

Example:
DTM+171:20070815:102'

Number	Segment tag	Usage	Maximum number of repetitions
SG4	**NAD**	**M**	**99**
6.	**NAD – Name and address**	**M**	**1**

Function:					
To specify the name/address and their related function.					

Data element tag	*Name*	*Usage*	*Format*	*Example*	*Description/Code value*
3035	Party function code qualifier	M	an..3	BY	BY = Buyer DP = Delivery party SH = Shipper (EAN Code) SU = Supplier
C082	PARTY IDENTIFICATION DETAILS	C	--	--	--
3039	Party identifier	M	an..35	5992345000 013	For identification of parties it is recommended to use GLN - Format n13.
1131	*Code list identification code*	*N*			
3055	Code list responsible agency code	M	an..3	9	9 = EAN (International Article Numbering association)

Notes/Dependency descriptions:
This segment is used to identify the trading partners involved in the Receiving Advice message. Identification of the sender and recipient of the goods is mandatory in the Receiving Advice. Identification of the delivery party is mandatory when different from the supplier or buyer. Additionally, the shipper may be identified when different from the supplier or buyer.

Example:
NAD+BY+5992345000013::9' NAD+SU+5992345000020::9'

Number	Segment tag	Usage	Maximum number of repetitions
SG6	**TDT**	**C**	**10**
16.	**TDT – Details of transport**	**M**	**1**

Function:

To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.

Data element tag	Name	Usage	Format	Example	Description/Code value
8051	Transport stage code qualifier	M	an..3	20	20 = Main-carriage transport 30 = On-Carriage transport
8028	Means of transport journey identifier	C	an..17		Reference number covering the transport
C220	MODE OF TRANSPORT	M	--	--	--
8067	Transport mode name code	M	an..3	30	30 = Road transport 20 = Rail transport 60 = Multimodal transport
C228	TRANSPORT MEANS	C	--	--	--
8179	Transport means description code	D	an..8	31	31 = Truck 23 = Rail bulk car

Notes/Dependency descriptions:

DE C228: DE 8179 is only used when the type of transport must be specifically identified, that is, when a generic description such as road transport is unsuitable.

Example:

TDT+20+AAA999+30+31'

Segments of detail section

Number	*Segment tag*		*Usage*	*Maximum number of repetitions*
SG16	**CPS-SG17-SG22**		**C**	**9999**
14.	**CPS - Consignment packing sequence**		**M**	**1**
Function:				
To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.				
Data element tag	*Name*	*Usage*	*Format*	*Example*	*Description/Code value*
7164	Hierarchical structure level identifier	M	an..35		Sequential numbering recommended.
7166	Hierarchical structure parent identifier	C	an..35		
Notes/Dependency descriptions:				
This segment is used to provide a detailed description of the packaging of the goods. DE 7164: When not identifying different shipment hierarchical levels within the Receiving Advice, it is recommended to use a default value of 1.				
Example:				
CPS+1'				

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG17	**PAC-QVR-SG20**	**C**	**9999**
15.	**PAC - Package**	**M**	**1**

Function:					
To describe the number and type of packages/physical units.					

Data element tag	*Name*	*Usage*	*Format*	*Example*	*Description/Code value*
7224	Package quantity	D	n..8	10	
C531	*PACKAGING DETAILS*	*N*			
C202	PACKAGE TYPE	C	--	--	--
7065	Package type description code	C	an..17	201	201 = Pallet ISO 1 - 1/1 EURO Pallet (EAN Code) CT = Carton
1131	*Code list identification code*	*N*			
3055	Code list responsible agency code	D	an..3	9	9 = EAN (International Article Numbering association)

Notes/Dependency descriptions:

This segment is used to identify the total number of packages and package types for the hierarchical level identified in the CPS segment.

DE 7224: In the "advice discrepancies" scenario this data element should be used when quantity variances at the package level have to be reported and carry the number of packages that were actually received. In the "confirmation of receipt of goods" scenario, this data element may carry the number of packages that were received.

Example:

PAC+10++201::9'

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG17	**PAC-QVR-SG20**	**C**	**9999**
16.	**QVR – Quantity variances**	**C**	**1**

Function:				
To specify item details relating to quantity variances.				

Data element tag	Name	Usage	Format	Example	Description/Code value
C279	QUANTITY DIFFERENCE INFORMATION	M	--	--	--
6064	Quantity variance value	M	n..15	40	Specify the actual variance amount here.
6063	Quantity type code qualifier	M	an..3	124	124 = Damaged goods
4221	Discrepancy nature identification code	C	an..3		
C960	REASON FOR CHANGE	C	--	--	--
4295	Change reason description code	C	an..3	BN	AUE = Article code unknown (EAN Code) BN = Bar code not readable (EAN Code) PC = Pack difference

Notes/Dependency descriptions:
This segment is used to indicate quantity variances related to the currently identified package.
For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.
Example:
QVR+-40:124++BN::9'

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG17	**PAC-QVR-SG20**	**C**	**9999**
SG20	**GIN**	**C**	**999**
18.	**GIN – Goods identity number**	**M**	**1**

Function:
To give specific identification numbers, either as single numbers or ranges.

Data element tag	Name	Usage	Format	Example	Description/Code value
7405	Object identification code qualifier	M	an..3	BJ	BJ = Serial shipping container code
C208	IDENTITY NUMBER RANGE	M	--	--	--
7402	Object identifier	M	an..35	354123450 000000014	

Notes/Dependency descriptions:

This segment is used to provide identification numbers relevant to the packaging unit identified in the PAC segment.

DE C208: If a sequential series of identity numbers is provided (e.g., 1 up to and including 10) only one repetition of the C208 composite is needed with the first repetition of 7402 specifying the numerically smaller identity number (e.g., 1) and the second repetition the larger identity number (e.g., 10). If identity numbers are not sequential and part of a series (e.g., 1, 3, and 10) then a separate C208 and DE 7402 must be used for each identity number.

Example:

GIN+BJ+354123450000000014'

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG22	**LIN-PIA-QTY-QVR-DTM**	**C**	**9999**
19.	**LIN – Line item**	**M**	**1**

Function:					
To identify a line item and configuration.					

Data element tag	Name	Usage	Format	Example	Description/Code value
1082	Line item identifier	M	an..6	1	Application generated number of the line item within the Receiving Advice.
1229	*Action request/notification description code*	*N*			
C212	ITEM NUMBER IDENTIFICATION	M			This composite will only be used for the identification of EAN/UPC codes. If another coding structure is required, e.g. HIBC, this composite will not be used and the code will be detailed in the PIA segment.
7140	Item identifier	M	an..35	54123451 23453	Format n..14 GTIN - this is the number of the article which has been received.
7143	Item type identification code	M	an..3	SRV	SRV = EAN.UCC Global Trade Item Number

Notes/Dependency descriptions:
This segment is used to identify the product received.
If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.
If a product has been delivered but not accepted it must be identified using a separate line item. In these cases the received and accepted quantities are zero. Such products might include unknown or not ordered products, excess deliveries, damaged goods, unacceptable product variants or batch numbers, different pack size, etc. Reasons for the action are detailed in the QTY-QVR-DTM segments.

Example:
LIN+1++5412345123453:SRV'

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG22	**LIN-PIA-QTY-QVR-DTM**	**C**	**9999**
20.	**PIA – Additional product id**	**C**	**10**

Function:					
To specify additional or substitutional item identification codes.					
Data element tag	Name	Usage	Format	Example	Description/Code value
4347	Product identifier code qualifier	M	an..3	1	1 = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	--	--	--
7140	Item identifier	M	an..35	AB5124	
7143	Item type identification code	M	an..3	IN	IN = Buyer's item number SA = Supplier's article number IB = ISBN (International Standard Book Number)

Notes/Dependency descriptions:
This segment is used to specify additional product codes for the current line item. DE 4347: To provide an additional identity for the primary GTIN identified in the LIN segment. The additional code can consist of: - A supplemental identification which provides more information complementary to the GTIN provided in the LIN segment, e.g., a batch number, promotional variant number, etc, - An alternative identification which may be used instead of the main GTIN provided in the LIN segment, e.g., a buyer's article number, an HIBC code, etc.
Example:
PIA+1+AB5124:IN'

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG22	**LIN-PIA-QTY-QVR-DTM**	**C**	**9999**
21.	**QTY - Quantity**	**M**	**10**

Function:					
To specify a pertinent quantity.					

Data element tag	Name	Usage	Format	Example	Description/Code value
C186	QUANTITY DETAILS	M	--	--	--
6063	Quantity type code qualifier	M	an..3	194	21 = Ordered quantity 46 = Delivered quantity 194 = Received and accepted
6060	Quantity	M	an..35	150	
6411	Measurement unit code	D	an..3		KGM = kilogram

Notes/Dependency descriptions:
This segment is used to specify any quantities related to the current line item.
DE 6063: Identification of the 'Received and accepted' quantity (code value 194) is mandatory.
DE 6411: This DE is only used if the current product is of variable quantity.
Example:
QTY+194:150'

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG22	**LIN-PIA-QTY-QVR-DTM**	**C**	**9999**
22.	**QVR – Quantity variances**	**C**	**10**

Function:					
To specify item details relating to quantity variances.					
Data element tag	Name	Usage	Format	Example	Description/Code value
C279	QUANTITY DIFFERENCE INFORMATION	M	--	--	--
6064	Quantity variance value	M	n..15	40	Specify the actual variance amount here.
6063	Quantity type code qualifier	M	an..3	195	21 = Ordered quantity 195 = Received, not accepted, to be returned 196 = Received, not accepted, to be destroyed
4221	Discrepancy nature identification code	C	an..3	AC	AC = Over-shipped AF = Goods delivered damaged AG = Delivered too late BP = Shipment partial - back order to follow CP = Shipment partial - considered complete, no backorder
C960	REASON FOR CHANGE	C	--	--	--
4295	Change reason description code	M	an..3	AT	AT = Item not ordered AUE = Article code unknown (EAN Code) BN = Bar code not readable (EAN Code)

Notes/Dependency descriptions:

This segment is used to specify any variances between what was received and accepted and what was ordered/shipped.

If the quantity received and/or accepted is less than the quantity expected by the receiver (e.g. damaged goods not accepted), the value of QVR, DE 6064 must be expressed as a negative.
If the quantity received and/or accepted is greater than the quantity expected by the receiver (e.g. over-shipped), the value of QVR, DE 6064 must be expressed as a positive.

Example:

QVR+40:195+AC'
40 units of the current line item were received but not accepted because they were over shipped. These extra units will be returned to the supplier.

Number	Segment tag	Usage	Maximum number of repetitions
SG16	**CPS-SG17-SG22**	**C**	**9999**
SG22	**LIN-PIA-QTY-QVR-DTM**	**C**	**9999**
23.	**DTM – Date/time/period**	**C**	**5**

Function:					
To specify date, and/or time, or period.					

Data element tag	Name	Usage	Format	Example	Description/Code value
C507	DATE/TIME/PERIOD	M	--	--	--
2005	Date or time or period function code qualifier	M	an..3	200	61 = Cancel if not delivered by this date 200 = Pick-up/collection date/time of cargo
2380	Date or time or period value	M	an..35		
2379	Date or time or period format code	M	an..3		102 = CCYYMMDD 203 = CCYYMMDDHHMM

Notes/Dependency descriptions:

This segment is used to specify dates related to the current line item.

DE 2005:
 '200, Pick-up/collection date of cargo' - may be used to specify the collection date of goods being returned, and may be used in conjunction with QVR segment DE 6063 qualifier '195, Received not accepted, to be returned'.
 '61, Cancel if not delivered by this date' - may be used in back-order situations and may be used in conjunction with QVR segment DE 4221 code BP = Shipment partial, back order to follow.

Example:

DTM+200:20021115:102'

Segments of summary section

Number	Segment tag	Usage	Maximum number of repetitions
30.	**CNT – Control total**	**C**	**1**

Function:					
To provide control total.					
Data element tag	Name	Usage	Format	Example	Description/Code value
C270	CONTROL	M	--	--	--
6069	Control total type code qualifier	M	an..3	2	2 = Number of line items in message
6066	Control total value	M	n..18	120	
Notes/Dependency descriptions:					
This segment is used to provide message control information for checking on the message receiver's in-house system.					
Example:					
CNT+2:120'					

Number	Segment tag	Usage	Maximum number of repetitions
31.	**UNT – Message Trailer**	**M**	**1**

Function:					
To end and check the completeness of a message.					
Data element tag	Name	Usage	Format	Example	Description/Code value
0074	Number of segments in a message	M	n..10	34	The total number of segments in the message is detailed here.
0062	Message reference number	M	an..14	ME000001	The message reference numbered detailed here should equal the one specified in the UNH segment.
Notes/Dependency descriptions:					
This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.					
Example:					
UNT+34+ME000001'					

Examples A - E of the Receiving Advice Message

The following examples illustrate different scenarios for the Receiving Advice message

Example A: Receiving Advice Confirming Reception and Acceptance of Complete Shipment

EXAMPLE	ORDERED/ CONFIRMED ORDERS/ORDRSP - LIN	DESPATCHED DESADV - LIN Despatch note	RECEIVED AND ACCEPTED RECADV - LIN	VARIANCES/REASONS/ ACTIONS RECADV - QVR
A	100	100	100	-

The following is an example of a Receiving Advice message providing a confirmation of the reception of a shipment. The Receiving Advice is sent by the buyer of goods identified by the GS1 location number (GLN) 5412345000013 to the supplier identified by the GS1 location number (GLN) 5410738100005.

The Receiving Advice with reference REC5488 is sent the 11 March 2007. The goods were received 25 February 2007 in reference to the buyer's Purchase Order number PO12345 dated 20 February 2007 and the supplier's Despatch Advice number DA45601 dated 25 February 2007.

The Receiving Advice <u>confirms the reception and acceptance of the whole shipment. No detailed information on the shipment contents is provided.</u>

Message A:

UNH+ME000001+RECADV:D:01B:UN:EAN005'	Message header
BGM+632+REC5488+9'	Receiving advice number REC5488
DTM+137:20070311:102'	Message date 11th of March 2007
DTM+50:20070225:102'	Goods receipt date 25th of February 2007
RFF+AAK:DA45601'	Receipt relates to despatch advice number DA45601
DTM+171:20070225:102'	Despatch advice date 25th of February 2007
RFF+ON:PO12345'	Receipt relates to buyer's order number PO12345
DTM+171:20070220:102'	Order date 20th of February 2007
NAD+BY+5412345000013::9'	Buyer identified by the GLN 5412345000013
NAD+SU+5410738100005::9'	Supplier identified by the GLN 5410738100005
UNT+11+ME000001'	Message trailer - 11 segments in message

Example B: Receiving Advice Message Informing of Damaged Goods to Be Destroyed

EXAMPLE	ORDERED/ CONFIRMED ORDERS/ORDRSP - LIN	DESPATCHED DESADV - LIN Despatch note	RECEIVED AND ACCEPTED RECADV - LIN	VARIANCES/REASONS/ACTIONS RECADV - QVR
B	100	100	95	-5 Damaged - destroy

The following is an example of a Receiving Advice message providing the receiving details for a shipment. The Receiving Advice is sent by the buyer of goods identified by the GS1 location number 5412345000013 to the supplier identified by the GS1 location number 5410738100005.

The Receiving Advice with reference RA000001 is sent the 11 March 2007. The goods were received 10 March 2007 in reference to the buyer's Purchase Order number PO12345 dated 1 March 2007 and the supplier's Despatch Advice number DA45601 dated 10 March 2007.

The Receiving Advice confirms the receipt and acceptance of 95 units of product 5410738000169 and rejects 5 units delivered damaged and which will be destroyed.

Message B:

UNH+ME000001+RECADV:D:01B:UN:EAN005'	Message header
BGM+632+RA000001+9'	Receiving advice number RA000001
DTM+137:20070311:102'	Message date 11th of March 2007
DTM+50:20070310:102'	Goods received date 10th of March 2007
RFF+AAK:DA45601'	Receipt relates to despatch advice number DA45601
DTM+171:20070310:102'	Despatch advice date 10th of March 2007
RFF+ON:PO12345'	Receipt relates to buyer's order number PO12345
DTM+171:20070301:102'	Date of order 1st of March 2007
NAD+BY+5412345000013::9'	Buyer identified by the GLN 5412345000013
NAD+SU+5410738100005::9'	Supplier identified by the GLN 5410738100005
CPS+1'	Consignment packing sequence 1
LIN+1++5410738000169:SRV'	Received product identified by the GTIN 5410738000169
QTY+194:95'	Received and accepted quantity 95
QTY+21:100'	Ordered quantity 100
QVR+-5:196+AF'	Quantity variance of minus 5 (difference between ordered and received/accepted quantities) because goods delivered damaged which will be destroyed
UNT+16+ME000001'	Message trailer - 16 segments in the message

Example C: Receiving Advice Informing of Damaged Goods to be Destroyed, Back Order Confirmed

EXAMPLE	ORDERED/ CONFIRMED ORDERS/ORDRSP - LIN	DESPATCHED DESADV - LIN Despatch note	RECEIVED AND ACCEPTED RECADV - LIN	VARIANCES/REASONS/ACTIONS RECADV - QVR
C	100	85	83	-2 Damaged - destroy

The following is an example of a Receiving Advice message providing the receiving details for a shipment. The Receiving Advice is sent by the buyer of goods identified by the GS1 location number 5412345000013 to the supplier identified by the GS1 location number 5410738100005.

The Receiving Advice with reference RA000001 is sent the 11 March 2007. The goods were received 10 March 2007 in reference to the buyer's Purchase Order number PO12345 dated 1 March 2007 and the supplier's Despatch Advice number DA45601 dated 10 March 2007.

The Receiving Advice confirms the receipt and acceptance of 83 units of product 5410738000169 and rejects 2 units delivered damaged and which will be destroyed. A back order for 15 units was confirmed previous to the despatch of goods.

Message C:

UNH+ME000001+RECADV:D:01B:UN:EAN005'	Message header
BGM+632+RA000001+9'	Receiving advice number RA000001
DTM+137:20070311:102'	Message date 11th of March 2007
DTM+50:20070310:102'	Goods received date 10th of March 2007
RFF+AAK:DA45601'	Receipt relates to despatch advice number DA45601
DTM+171:20070310:102'	Despatch advice date 10th of March 2007
RFF+ON:PO12345'	Receipt relates to buyer's order number PO12345
DTM+171:20070301:102'	Date of order 1st of March 2007
NAD+BY+5412345000013::9'	Buyer identified by the GLN 5412345000013
NAD+SU+5410738100005::9'	Supplier identified by the GLN 5410738100005
CPS+1'	Consignment packing sequence 1
LIN+1++5410738000169:SRV'	Received product identified by the GTIN 5410738000169
QTY+194:83'	Received and accepted quantity 83
QTY+46:85'	Delivered quantity 85
QTY+21:100'	Ordered quantity 100
QVR+-2:196+AF'	First quantity variance of minus 2 (difference between ordered and received/accepted quantities) is because goods delivered damaged which will be destroyed
QVR+-15:85+BP'	Second quantity variance of minus 15 (difference between ordered and delivered quantities) is because of a short delivery for which a back order will follow
UNT+18+ME000001'	Message trailer - 18 segments in the message

Example D: Receiving Advice Rejecting Excess Shipment (Goods Returned)

EXAMPLE	ORDERED/ CONFIRMED ORDERS/ORDRSP - LIN	DESPATCHED DESADV - LIN Despatch note	RECEIVED AND ACCEPTED RECADV - LIN	VARIANCES/REASONS/ACTIONS RECADV - QVR
D	100	120	100	20 Excess delivery, return

The following is an example of a Receiving Advice message providing the receiving details for a shipment. The Receiving Advice is sent by the buyer of goods identified by the GS1 location number 5412345000013 to the supplier identified by the GS1 location number 5410738100005.

The Receiving Advice with reference RA000001 is sent the 11 March 2007. The goods were received 10 March 2007 in reference to the buyer's Purchase Order number PO12345 dated 1 March 2007 and the supplier's Despatch Advice number DA45601 dated 10 March 2007.

The Receiving Advice <u>confirms the receipt and acceptance of 100 units of product 5410738000169 and rejects the reception of 20 additional units which were delivered in excess. The excess delivery will be returned to the supplier who will have to collect the goods on 28 March 2007.</u>

<u>Message D:</u>

UNH+ME000001+RECADV:D:01B:UN:EAN003'	Message header
BGM+632+RA000001+9'	Receiving advice number RA000001
DTM+137:20070311:102'	Message date 11th of March 2007
DTM+50:20070310:102'	Goods received date 10th of March 2007
RFF+AAK:DA45601'	Receipt relates to despatch advice number DA45601
DTM+171:20070310:102'	Despatch advice date 10th of March 2007
RFF+ON:PO12345'	Receipt relates to buyer's order number PO12345
DTM+171:20070301:102'	Date of order 1st of March 2007
NAD+BY+5412345000013::9'	Buyer identified by the GLN 5412345000013
NAD+SU+5410738100005::9'	Supplier identified by the GLN 5410738100005
CPS+1'	Consignment packing sequence 1
LIN+1++5410738000169:SRV'	Received product identified by the GTIN 5410738000169
QTY+194:120'	Received and accepted quantity 120
QTY+21:100'	Ordered quantity 100
QVR+20:195+AC'	Quantity variance of plus 20 are to be returned due to over delivery
DTM+200:20070328:102'	Excess goods should be collected by the 28th of March 2007
UNT+17+ME000001	Message trailer - 17 segments in the message

Example E: Receiving Advice Informing of Unknown Shipped Goods

EXAMPLE	ORDERED/ CONFIRMED ORDERS/ORDRSP - LIN	DESPATCHED DESADV - LIN Despatch note	RECEIVED AND NOT ACCEPTED RECADV - LIN	VARIANCES/REASONS/ACTIONS RECADV - QVR
E	100	100	100	Excess delivery, unknown pallet received - return

The following is an example of a Receiving Advice message providing the receiving details for a shipment. The Receiving Advice is sent by the buyer of goods identified by the GS1 location number 5412345000013 to the supplier identified by the GS1 location number 5410738100005.

The Receiving Advice with reference RA000001 is sent the 11 March 2007. The goods were received 10 March 2007 in reference to the buyer's Purchase Order number PO12345 dated 1 March 2007 and the supplier's Despatch Advice number DA45601 dated 10 March 2007.

The Receiving Advice <u>notifies the supplier of the receipt of 100 units of product 5410738000169 which are unknown (not ordered). These products were delivered on the pallet with the Serial Shipping Container Code 354107380000000019.</u>

<u>Message E:</u>

UNH+ME000001+RECADV:D:01B:UN:EAN005'	Message header
BGM+632+RA000001+9'	Receiving advice number RA000001
DTM+137:20070311:102'	Message date 11th of March 2007
DTM+50:20070310:102'	Goods receipt date 10th of March 2007
RFF+AAK:DA45601'	Receipt relates to despatch advice number DA45601
DTM+171:20070310:102'	Despatch advice date 10th of March 2007
RFF+ON:PO12345'	Receipt relates to buyer's order number PO12345
DTM+171:20070301:102'	Date of order 1st of March 2007
NAD+BY+5412345000013::9'	Buyer identified by the GLN 5412345000013
NAD+SU+5410738100005::9'	Supplier identified by the GLN 5410738100005
CPS+1'	Consignment packing sequence 1
PAC+1++201'	One ISO 1 pallet
PCI+33E'	Pallet marked with Serial Shipping Container Code
GIN+BJ+354107380000000019'	Serial Shipping Container Code 354107380000000019
LIN+1++5410738000169:SRV'	Received product identified by the GTIN 5410738000169
QTY+194:0'	Received and accepted quantity 0
QTY+46:100'	Delivered quantity 100
QVR+100:195++AT'	Quantity variance of plus 100 are to be returned due to being never ordered
UNT+19+ME000001	Message trailer - 19 segments in the message

Note: The EDI interchange will include the UNB..UNZ segments and, if applicable, the UNG..UNE segments.