GS1 Germany
EDI Recommendation

for the textile sectors
CFB-Connecting Fashion Business
V2.1
Despatch Advice
(DESADV)

based on
EANCOM® 2002 S3

1. Introduction

Preamble

The aim of the brochure on hand is to offer documentation describing the exchange of delivery data between business partners.

The basis of this elaboration is the international standard EANCOM® 2002. The message type DESADV 007 is used to transmit relevant data. GEFEG.FX (Gefeg mbH, Berlin) was used as the documentation tool.

Please be aware to know that this booklet does not replace the complete specifications in the original chapters or other relevant instructions within the EANCOM® 2002 documentation. Instead, it deals with the description of segments, data elements and codes to be used for a specific task.

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GS1 Germany thanks all experts who contributed significantly to these guidelines with knowledge from their daily business.

Important note:

To fulfill the requirements of directive 2003/58/EG, article 4, C058 has been opened in NAD segments identifying a message sender. If the place in the 5 DE 3124 is not sufficient, the following RFF segments can be used, qualified with DE 1153 = GN. DE 1154 has got a capacity of 70 digits. Only in those cases, when no RFF segment follows NAD, a RFF+GN can be used in the heading section of the message. Within the EDI recommendations of GS! Germany this is only applicable for the messages REMADV and SLSFCT.

1. Introduction

Conventions

This brochure offers different ways to start:

Section 2, **"Business Terms"**, is a table which links directly to the sequence numbers of the segments.

Section 3, **"Message Structure Chart",** is a list of all used segments in the same sequence as they are defined in the EANCOM® message. In general, for each piece of information one single segment is provided. Exeptions may arrise when the the occurence of a segment is limited and can contain alternative information (e.g., segment BGM).

Section 4, **"Branching Diagram",** is a hierarchical graphic depiction of all used segments in the same sequence as they are defined in the EANCOM® message. However, every segment is shown only once, and it is therefore possible that the sequence numbering is interrupted.

Section 5**, "Segments Description",** is a brief summary of the use of each segment.

In ***Section 6,*** **"Segments Layout",** an illustration that has been chosen to match the business terms (data from the inhouse application) with the elements from the EANCOM® syntax.

In ***Section 7,*** **"EANCOM® Segments Layout",** the message is presented in a similar layout as in the EANCOM® manual.

Note on sections 6 and 7:

An additional column (GER) to provide a German status has been added to the layouts. An entry indicates that the recommended status differs from the EANCOM® status. If the recommended status is weaker than the EANCOM® status, the data element (or, if only one term exists the entire segment) can be omitted.

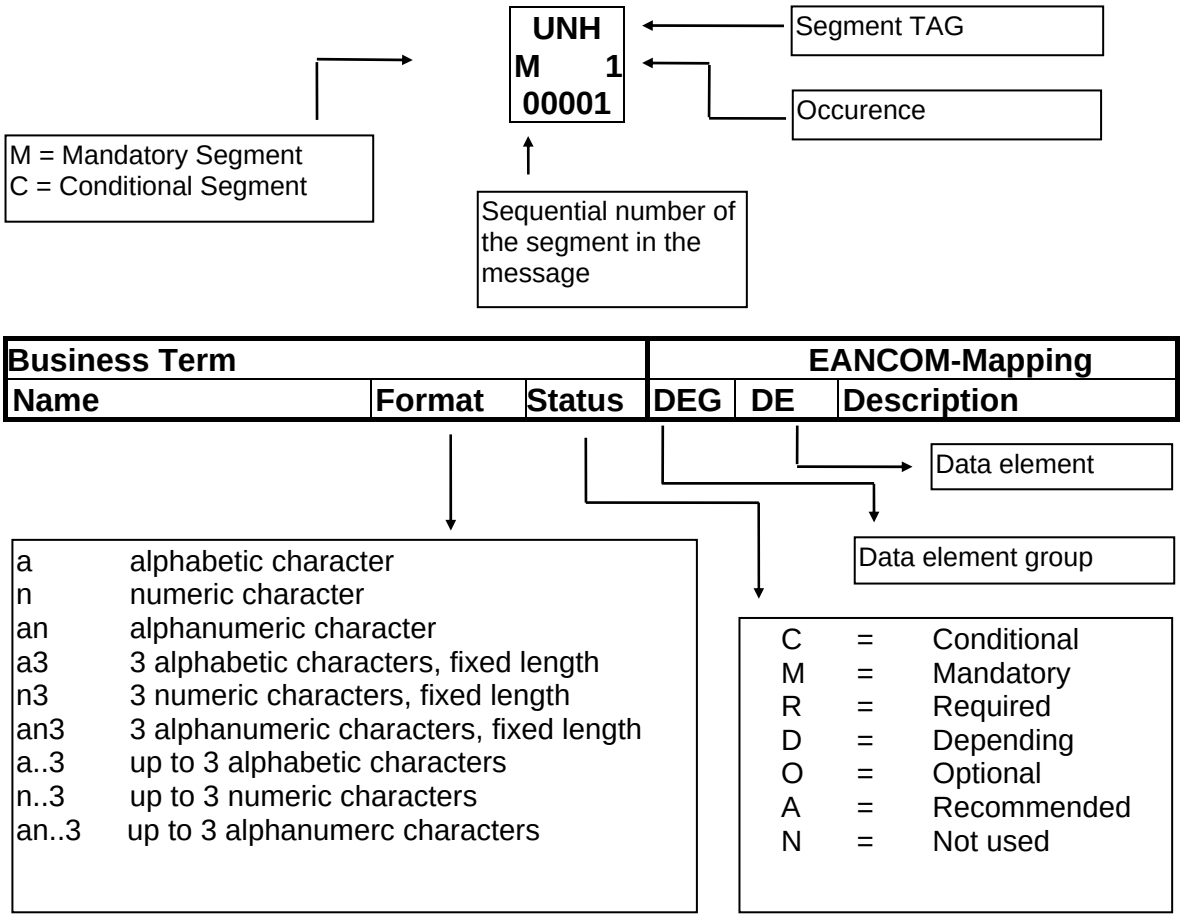
In general, code names are presented in red; these must to be understood as restricted and should not be changed/modified without bilateral agreement with the partner. If codes are given as examples, they are represented in blue (e.g., measurements). In this case, all codes of the relevant code list can be used.

Section 8, **"Example(s)",** provides at least one message example with comments.

Please note that, for technical reasons, the examples can contain component data element separators, which would otherwise be represented as data element separators in the original messages.

1. Introduction

The following conventions apply to this brochure:



1. Introduction

Message structure

Heading section
Specification of buyer and supplier message date and message number.

Detail section
Specification of GTIN to identify goods and services and their quantity.

Summary section
The summary section is for syntactical reasons only.

Notes to the detail section:

Within the detail section it is possible to transmit SSCC to identify the consignment and/or consignment lines.

Additionally it is possible to describe the hierarchy of the consignment. Therefore the detail section is presented in three paragraphs:

1. Detail section - Presentation of the entire consignment
This detail section is mandatory in the message, (e.g., description of a pallet).

2. Detail section - Presentation of despatch unit(s)
This detail section can be used in the message, (e.g., description of cartons placed on the pallet).

3. Detail section - Presentation of despatch unit(s)/article(s)
This detail section can be used in the message, (e.g., description of consumer units within the cartons).

Application scenarios of the DESADV message

Below different possibilities are illustrated on the use of the despatch advice message (DESADV). Please note especially the allocation of delivery - despatch advice and the allocation of delivery - transport means/units.

The despatch advice (DESADV) can have references to one or more purchase orders (ORDERS). If a consignment is split into multiple transport means/units more than one DESADV can have references to one ORDERS.

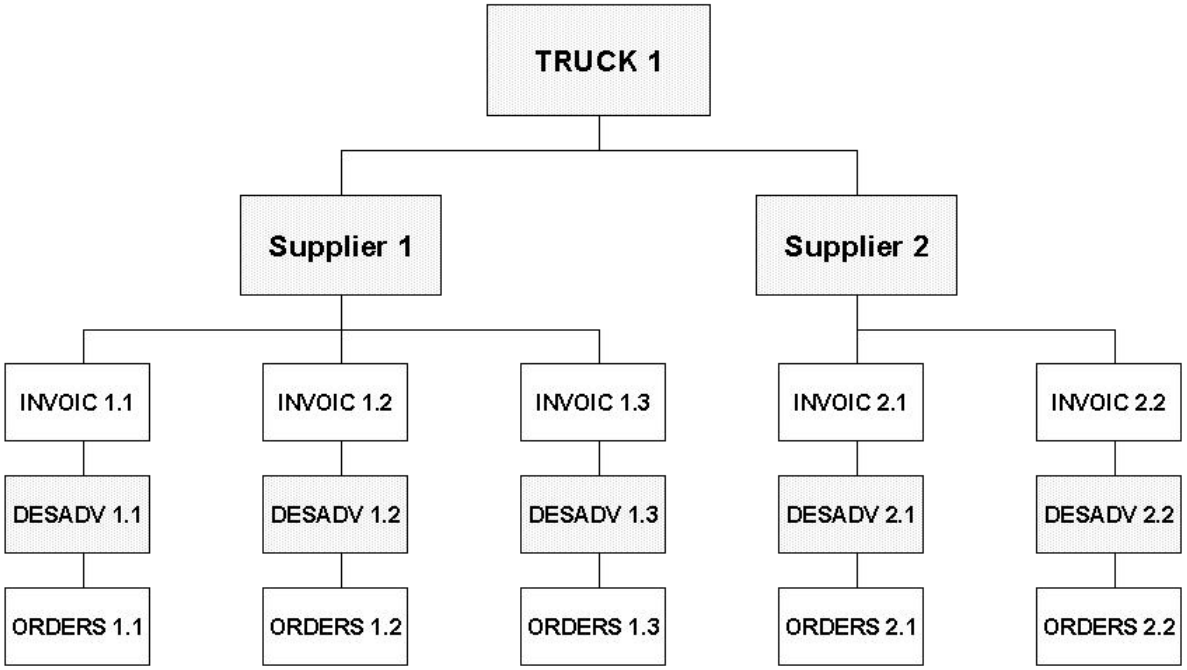
Basic principle

In general at least one DESADV should be sent per transport means/units, e.g., truck, container or swap trailer even if a consignment is allocated to multiple transport means/units.

1. Introduction

Scenario 1: One despatch advice (DESADV) per order

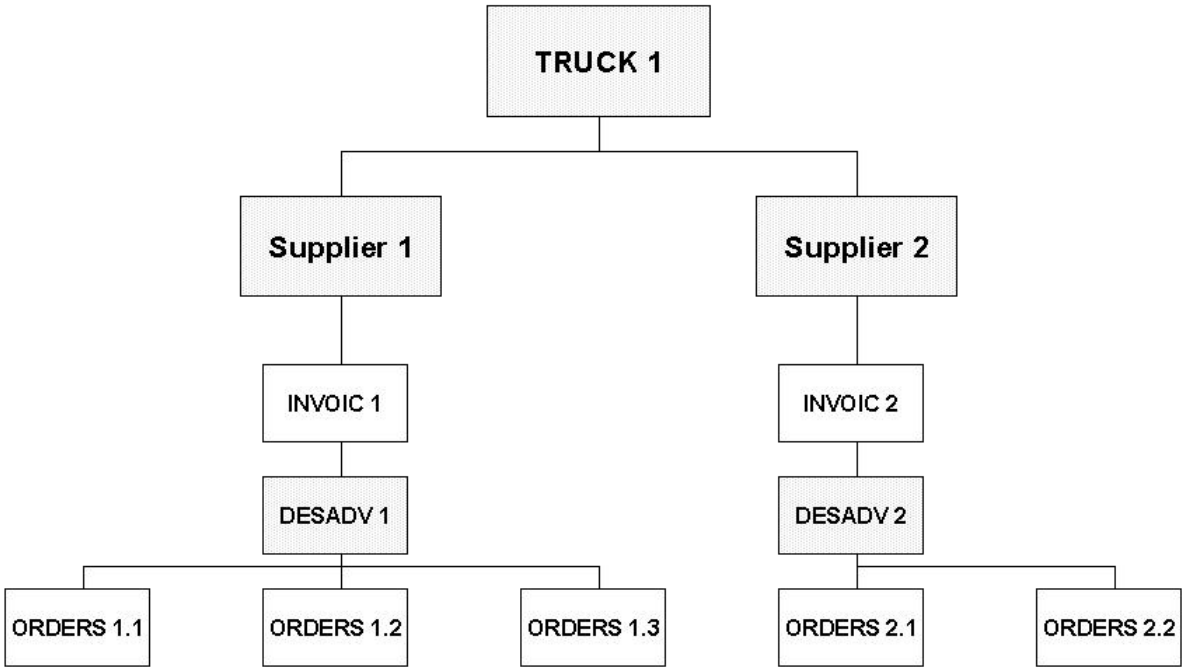
One truck transports consignments of different suppliers. Each consignment of a supplier relates to one purchase order (ORDERS) and is adviced by one DESADV and will be followed by one commercial invoice (INVOIC).



1. Introduction

Scenario 2: One despatch advice (DESADV) per supplier

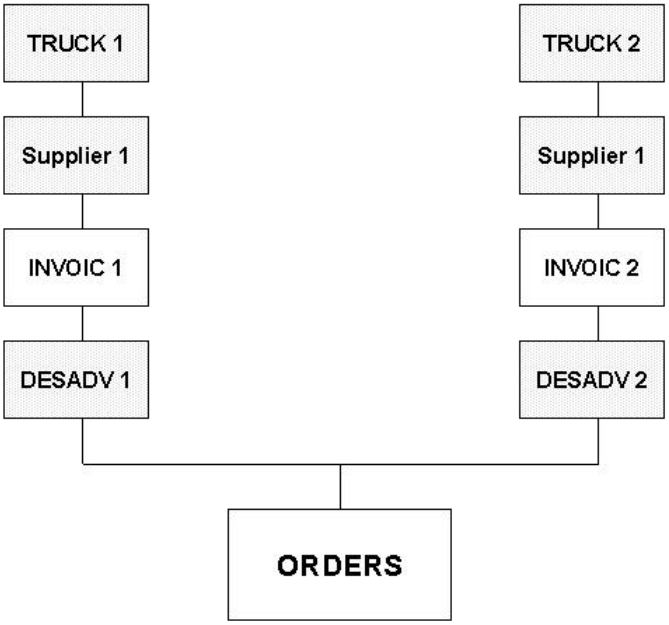
One truck transports consignments of different suppliers. Only one DESADV is sent per supplier. Each of them has references to different purchase orders (ORDERS). Every DESADV will be followed by one commercial invoice (INVOIC) containing a reference to this DESADV.



1. Introduction

Scenario 3: One despatch advice (DESADV) per truck

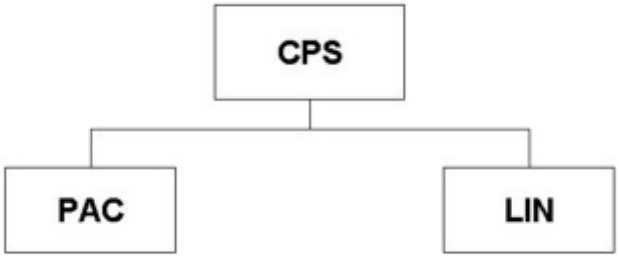
Initiated by one purchase order (ORDERS) different trucks transport one consignment of one supplier. For each truck a DESADV is sent, all referencing to one ORDERS. In the following procedure one commercial invoice (INVOIC) is generated per DESADV.



1. Introduction

Sequence of the segment groups SG11 (PAC) and SG17 (LIN)

As the PAC and LIN group are on the same hierarchy level of the detail section different ways of interpretation are possible about the sequence of information relating the packages (PAC) and goods (LIN) in the DESADV.



If the detail section provides information about packages and the contained goods the related LIN group should follow immediately the PAC group. The PAC group should NOT be used to describe all packages first and than be followed by the LIN group describing all goods.

Example:

...	
CPS+2+1'	Second consignment level, 1. pallet
PAC+1++201'	One ISO-1-pallet
MEA+PD+AAB+KGM:263.2'	Pallet gross weight 263,2 kg
PCI+33E'	Pallet marked with SSCC
GIN+BJ+354107280000001051'	SSCC 354107280000001051
PAC+20++CT'	Pallet contains 20 cartons
LIN+1++5410738000152:SRV'	The product is identified by GTIN 5410738000152
QTY+12:20'	Delivered quantity 20
...	

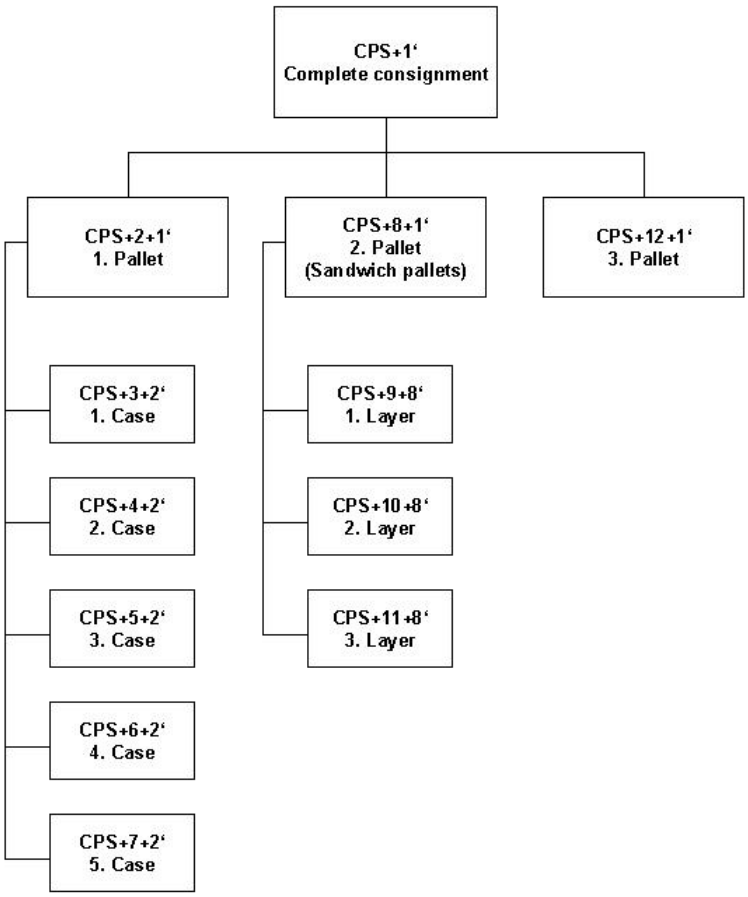
1. Introduction

Indication of SSCC

In general the SSCC of the package is to be indicated within the PAC group. The PCI group below LIN primary provides information about the article. An example of the use is 17 = supplier's instructions followed by GIN containing a serial number, batch number, etc.

Description of the consignment hierarchy (CPS)

The following example describes a consignment containing of three pallets. The first pallet contains 5 cartons marked with SSCC. The second pallet describes a "sandwich pallet" separating single layers with a pallet. Each pallet of each layer is marked with SSCC. The creation of a hierarchy shows one pallet with multiple layers (pallets). The third pallet contains only one type of article.



The CPS segment should describe all despatch units within the hierarchy that are marked with package identification (SSCC).

1. Introduction

Example 1:
One pallet contains 10cartons marked with SSCC

CPS+1‘	Highest package hierarchy
PAC	Pallet contains 10 cartons
PCI	Pallet is marked with SSCC
GIN	SSCC of the pallet
CPS+2+1‘	1. Unit
PAC	One carton
PCI	Marked with SSCC
GIN	SSCC of the carton
LIN	Article contained in the carton
QTY	Quantity
CPS+3+1‘	2. Unit
PAC	One carton
PCI	Marked with SSCC
GIN	SSCC of the carton
LIN	Article contained in the carton
QTY	Quantity
etc.	

For more examples see paragraph 8 of the current document.

2. Business Terms

Term	EANCOM-Segment			Data element	
	No.	Segment	SG	DEG	DE
Batch number	38	PIA	SG10#3\SG17#1	C212	7140
Buyers additional identification	10	RFF	SG2#1\SG3#1	C506	1154
Buyers article number	37	PIA	SG10#3\SG17#1	C212	7140
Buyers order number	6	RFF	SG1#1	C506	1154
Buyers order number (Detail section articles)	43	RFF	SG10#3\SG17#1\SG18#3	C506	1154
Contact person	11	CTA	SG2#1\SG4#1	C056	3412
Contact person or department receiver of goods/services	16	CTA	SG2#4\SG4#1	C056	3413
Control value	46	CNT		C270	6066
Country of receiver, coded	14	NAD	SG2#4		3207
Creation date	3	DTM		C507	2380
Delivered quantity	40	QTY	SG10#3\SG17#1	C186	6060
Delivery date	5	DTM		C507	2380
Delivery note	8	RFF	SG1#6	C506	1154
Delivery party additional identification	15	RFF	SG2#4\SG3#1	C506	1154
Delivery party identification	14	NAD	SG2#4	C082	3039
Despatch date	4	DTM		C507	2380
Document Number	2	BGM		C106	1004
Free goods quantity	41	QTY	SG10#3\SG17#1	C186	6060
Freight forwarders additional identification	22	RFF	SG2#7\SG3#1	C506	1154
Gross weight of the consignment	27	MEA	SG10#1\SG11#1	C502	6313
Gross weight of the consignment	34	MEA	SG10#3\SG11#1	C502	6313
GTIN Article identification	35	LIN	SG10#3\SG17#1	C212	7140
Hierarchy level	28	CPS	SG10#2		7166
Hierarchy level (despatch units / articles)	32	CPS	SG10#3		7166
Identification of buyer/invoicee	9	NAD	SG2#1	C082	3039
Identification of ship from place	24	NAD	SG2#10	C082	3039
Invoicees additional identification	12	RFF	SG2#2\SG3#1	C506	1154
Line item number	35	LIN	SG10#3\SG17#1		1082
Logistic service provider additional identification	23	RFF	SG2#8\SG3#1	C506	1154
Marking with SSCC (despatch units)	30	PCI	SG10#2\SG11#1\SG13#1		4233
Message reference number	1	UNH			0062
Name 1 of the receiver	14	NAD	SG2#4	C080	3036
Name 1 of the ultimate cosignee	17	NAD	SG2#5	C080	3036
Name 2 of the receiver	14	NAD	SG2#4	C080	3036
Name 2 of the ultimate consignee	17	NAD	SG2#5	C080	3036
Name 3 of the receiver	14	NAD	SG2#4	C080	3036
Name 3 of the ultimate consignee	17	NAD	SG2#5	C080	3036
Number of packages (Consignment)	26	PAC	SG10#1\SG11#1		7224
Number of packages (despatch units / articles)	33	PAC	SG10#3\SG11#1		7224
Number of packages (despatch units)	29	PAC	SG10#2\SG11#1		7224
Order line item number	43	RFF	SG10#3\SG17#1\SG18#3	C506	1156
Ordered quantity	42	QTY	SG10#3\SG17#1	C186	6060
Pick up place additional identification	13	RFF	SG2#3\SG3#1	C506	1154
Place of receiver - name of a city (town, village) for adressing purposes.	14	NAD	SG2#4		3164
Place of ultimate consignee - name of a city (town, village) for adressing purposes.	17	NAD	SG2#5		3164

2. Business Terms

Term	EANCOM-Segment			Data element	
	No.	Segment	SG	DEG	DE
Postcode of receiver	14	NAD	SG2#4		3251
Postcode of ultimate consignee	17	NAD	SG2#5		3251
Process variant, coded	2	BGM		C002	1000
Purchasing contact department	11	CTA	SG2#1\SG4#1	C056	3413
Quantity difference	45	QVR	SG10#3\SG17#1\SG25#1	C279	6064
Sellers reference number	44	RFF	SG10#3\SG17#1\SG18#7	C506	1154
Sequence of packages within the consignment	25	CPS	SG10#1		7164
Sequence of the packages (despatch units / articles)	32	CPS	SG10#3		7164
Sequence of the packages (despatch units)	28	CPS	SG10#2		7164
Serial number	39	PIA	SG10#3\SG17#1	C212	7140
Serial Shipping Container Code (SSCC)	31	GIN	SG10#2\SG11#1\SG13#1\SG15#1	C208	7402
Statements on business letters	20	RFF	SG2#6\SG3#1	C506	1154
Street and number of receiver	14	NAD	SG2#4	C059	3042
Street of ultimate consignee	17	NAD	SG2#5	C059	3042
Supplier identification	19	NAD	SG2#6	C082	3039
Suppliers additional identification	21	RFF	SG2#6\SG3#2	C506	1154
Suppliers article number (secondary indent.)	36	PIA	SG10#3\SG17#1	C212	7140
Suppliers order number	7	RFF	SG1#3	C506	1154
Total number of segments in the message	47	UNT			0074
Ultimate consignee additional identification	18	RFF	SG2#5\SG3#1	C506	1154
Ultimate consignee identification	17	NAD	SG2#5	C082	3039

3. Message Structure Chart

Heading section

UNH	1	M	1	- Beginn of message
BGM	2	M	1	- Document Number Textile
DTM	3	C	10	- Creation date
DTM	4	C	10	- Despatch date
DTM	5	C	10	- Delivery date
SG1		C	10	- RFF
RFF	6	M	1	- Buyers order number
SG1		C	10	- RFF
RFF	7	M	1	- Suppliers order number
SG1		C	10	- RFF
RFF	8	M	1	- Delivery note
SG2		C	99	- NAD-SG3-SG4
NAD	9	M	1	- Identification of buyer/invoicee
SG3		C	10	- RFF
RFF	10	M	1	- Buyers additional identification
SG4		C	10	- CTA
CTA	11	M	1	- Contact person
SG2		C	99	- NAD-SG3-SG4
NAD	12	M	1	- Delivery party identification
SG3		C	10	- RFF
RFF	13	M	1	- Delivery party additional identification
SG4		C	10	- CTA
CTA	14	M	1	- Contact person or department receiver of goods/services
SG2		C	99	- NAD-SG3
NAD	15	M	1	- Ultimate consignee identification
SG3		C	10	- RFF
RFF	16	M	1	- Ultimate consignee additional identification
SG2		C	99	- NAD-SG3-SG3
NAD	17	M	1	- Supplier identification
SG3		C	10	- RFF
RFF	18	M	1	- Statements on business letters
SG3		C	10	- RFF
RFF	19	M	1	- Suppliers additional identification
SG2		C	99	- NAD
NAD	20	M	1	- Identification of the ship from place

Detail section consignment

SG10		C	9999	- CPS-SG11
CPS	21	M	1	- Sequence of packages within the consignment
SG11		C	1	- PAC-MEA
PAC	22	M	1	- Number of packages
MEA	23	C	10	- Gross weight of the consignment

Detail section despatch units

SG10		C	9999	- CPS-SG11
CPS	24	M	1	- Hierarchy level
SG11		C	1	- PAC-SG13
PAC	25	M	1	- Number of packages
SG13		C	1000	- PCI-SG15
PCI	26	M	1	- Marking with SSCC
SG15		C	99	- GIN
GIN	27	M	1	- Serial Shipping Container Code (SSCC)

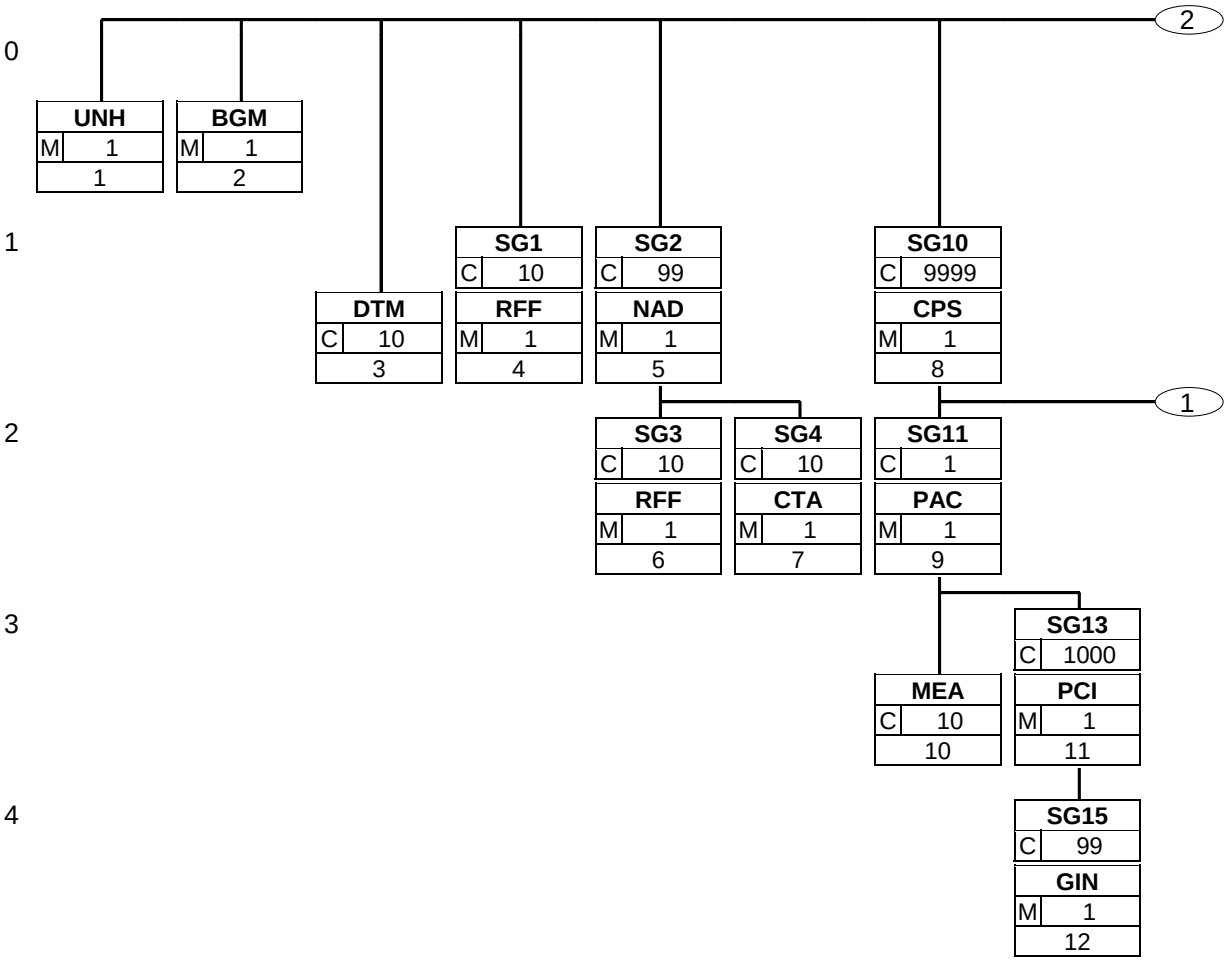
Detail section despatch units / articles

SG10		C	9999	- CPS-SG11-SG17
CPS	28	M	1	- Hierarchy level
SG11		C	1	- PAC-MEA
PAC	29	M	1	- Number of packages

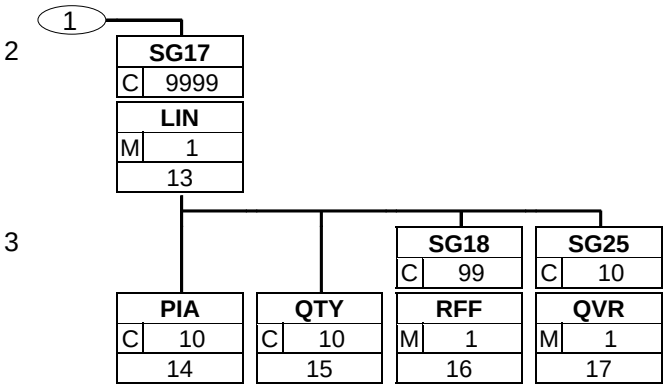
3. Message Structure Chart

MEA	30	C	10	- Gross weight of the consignment
SG17		C	9999	- LIN-PIA-PIA-PIA-PIA-QTY-QTY-QTY-SG18-SG18-SG25
LIN	31	M	1	- GTIN Article identification
PIA	32	C	10	- Suppliers article number (secondary indent.)
PIA	33	C	10	- Buyers article number
PIA	34	C	10	- Batch number
PIA	35	C	10	- Serial number
QTY	36	C	10	- Delivered quantity
QTY	37	C	10	- Free goods quantity
QTY	38	C	10	- Ordered quantity
SG18		C	99	- RFF
RFF	39	M	1	- Buyers order number
SG18		C	99	- RFF
RFF	40	M	1	- Sellers reference
SG25		C	10	- QVR
QVR	41	M	1	- Quantity difference
Summary section				
CNT	42	C	5	- Control value
UNT	43	M	1	- End of message

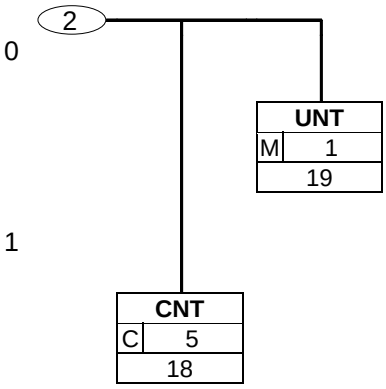
4. Branching Diagram



4. Branching Diagram



4. Branching Diagram



5. Segments Description

Heading section

UNH - M 1 - **Beginn of message**

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

BGM - M 1 - **Document Number Textile**

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

DTM - C 10 - **Creation date**

Identification of the 'Document/message date/time' (code value 137) is mandatory in the invoice message.

DTM - C 10 - **Despatch date**

Date on which good have been/will be despached

DTM - C 10 - **Delivery date**

Date on which goods have been/will be delivered.

SG1 - C 10 - **RFF**

RFF - M 1 - **Buyers order number**

This segment can contain a reference to buyers order number. In case of CRP orders this number is not available.

SG1 - C 10 - **RFF**

RFF - M 1 - **Suppliers order number**

This segment is used to provide the (internal) order number of the supplier.

SG1 - C 10 - **RFF**

RFF - M 1 - **Delivery note**

This segment can be used to reference the delivery note number.

SG2 - C 99 - **NAD-SG3-SG4**

NAD - M 1 - **Identification of buyer/invoicee**

The buyer/invoicee is identified by GLN.

SG3 - C 10 - **RFF**

RFF - M 1 - **Buyers additional identification**

The RFF segment following the NAD segment can specify an agreed additional identification.

SG4 - C 10 - **CTA**

CTA - M 1 - **Contact person**

This segment is used to identify the department and/or person within the party specified in the NAD.

SG2 - C 99 - **NAD-SG3-SG4**

NAD - M 1 - **Delivery party identification**

This NAD segment always identifies the first delivery place.
If the delivery party is not known (e.g. pick up by third party), the GLN of the buyer is indicated in DE 3039.

SG3 - C 10 - **RFF**

RFF - M 1 - **Delivery party additional identification**

The RFF segment following the NAD segment can specify an agreed additional identification.

SG4 - C 10 - **CTA**

5. Segments Description

CTA - M 1 - **Contact person or department receiver of goods/services**

For possible checkback this segment can provide a person to turn to.

SG2 - C 99 - **NAD-SG3**

NAD - M 1 - **Ultimate consignee identification**

If the warehouse is the delivery party (DE 3035 = DP) and the consignment is adressed to a specific outlet, that outlet is identified as ultimate consignee.

SG3 - C 10 - **RFF**

RFF - M 1 - **Ultimate consignee additional identification**

The RFF segment following the NAD segment can specify an agreed additional identification.

SG2 - C 99 - **NAD-SG3-SG3**

NAD - M 1 - **Supplier identification**

The supplier is identified by GLN.

SG3 - C 10 - **RFF**

RFF - M 1 - **Statements on business letters**

This RFF segment may only be used if the preceeding NAD has not enought space to fulfill the requirements of directive 2003/58/EG, article 4.

SG3 - C 10 - **RFF**

RFF - M 1 - **Suppliers additional identification**

The RFF segment following the NAD segment can specify an agreed additional identification.

SG2 - C 99 - **NAD**

NAD - M 1 - **Identification of the ship from place**

Identification of the ship fro place by Global Location Number (GLN).

Detail section consignment

SG10 - C 9999 - **CPS-SG11**

CPS - M 1 - **Sequence of packages within the consignment**

The CPS segment starts the detail section of the message. The segments following the first occureence of CPS (CPS+1) and previous to the following CPS (CPS+2+1) can provide physical dimensions for the entire consignment.

SG11 - C 1 - **PAC-MEA**

PAC - M 1 - **Number of packages**

This segment can be used to indicate the total number of packages per package type within the consignment.

MEA - C 10 - **Gross weight of the consignment**

This segment is used to provide measurements or dimensions relevant to the packaging unit described in the PAC segment. After the first occurence of the CPS segment the total gross weight of the consignment is provided.

Detail section despatch units

SG10 - C 9999 - **CPS-SG11**

CPS - M 1 - **Hierarchy level**

The detail section provids information about despatch units and associated SSCC.

SG11 - C 1 - **PAC-SG13**

5. Segments Description

PAC - M 1 - **Number of packages**

This segment can be used to indicate the total number of packages of the consignment within the hierarchy level defined in the CPS segment. The content of each package is described in the following LIN segments.

SG13 - C 1000 - **PCI-SG15**

PCI - M 1 - **Marking with SSCC**

The PCI segment details markings with SSCC.

SG15 - C 99 - **GIN**

GIN - M 1 - **Serial Shipping Container Code (SSCC)**

This segment provides the SSCC to uniquely indentify individual packages.

Detail section despatch units / articles

SG10 - C 9999 - **CPS-SG11-SG17**

CPS - M 1 - **Hierarchy level**

The line level details package and SSCC information that have not master data character.

SG11 - C 1 - **PAC-MEA**

PAC - M 1 - **Number of packages**

This segment can be used to indicate the total number of packages of the consignment within the hierarchy level defined in the CPS segment. The content of each package is described in the following LIN segments.

MEA - C 10 - **Gross weight of the consignment**

This segment is used to provide measurements or dimensions relevant to the packaging unit described in the PAC segment. After the first occurence of the CPS segment the total gross weight of the consignment is provided.

SG17 - C 9999 - **LIN-PIA-PIA-PIA-PIA-QTY-QTY-QTY-SG18-SG18-SG25**

LIN - M 1 - **GTIN Article identification**

The LIN segment is used to identify the products contained in the consignment. The GTIN indicated here is the one from the ORDERS.

PIA - C 10 - **Suppliers article number (secondary indent.)**

This segment is used to advise the suppliers article number additionally to GTIN.

PIA - C 10 - **Buyers article number**

This segment is used to advise the buyers article number additionally to GTIN.

PIA - C 10 - **Batch number**

This segment can be used to indicate the batch number.

PIA - C 10 - **Serial number**

This segment can be used to indicate the serial number of a product.

QTY - C 10 - **Delivered quantity**

This segment is used to indicate quantity information for the delivered product identified in LIN. The measurement unit indicated here is the same as in the preceeding ORDERS. For products with variable quantities the number of pieces is indicated here if possible, the weight is indicated in the preceeding MEA segment.

QTY - C 10 - **Free goods quantity**

This segment can be used to provide free goods quantity.

QTY - C 10 - **Ordered quantity**

This segment can be used additionally if quantity differs between what was ordered/delivered.

5. Segments Description

SG18 - C 99 - **RFF**

RFF - M 1 - **Buyers order number**

This segments enables a reference to the buyers order number and line item number.

SG18 - C 99 - **RFF**

RFF - M 1 - **Sellers reference**

This RFF segment is used to indicate a sellers reference number relevant for the despatch advice line.

SG25 - C 10 - **QVR**

QVR - M 1 - **Quantity difference**

This segment must be used if variances exist between what was ordered and what is ready for or has been despatched.

Summary section

CNT - C 5 - **Control value**

This segment is used to provide message control information for checking on the message receiver's in-house system.

UNT - M 1 - **End of message**

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

6. Segments Layout

Heading section

Segment number: 1

UNH - M 1 - Message header						
Description: To head, identify and specify a message.						
Business Term	**DE**	**EDIFACT**	**EAN**	*****	**GER**	**Description**
Message reference number	0062	M an..14	**M**			Sender's unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.
	S009	M	**M**			
	0065	M an..6	**M**	*		DESADV = Despatch advice message
	0052	M an..3	**M**	*		D = Draft version/UN/EDIFACT Directory
	0054	M an..3	**M**	*		01B = Release 2001 - B
	0051	M an..2	**M**	*		UN = UN/CEFACT
	0057	C an..6	**R**	*		EAN007 = GS1 version control number (GS1 Code)
Segment notes: Segmentstatus: Mandatory This segment is used to head, identify and specify a message. Example: UNH+ME000001+DESADV:D:01B:UN:EAN007' The reference number of the DESADV message is ME000001.						

6. Segments Layout

Heading section

Segment number: 2

BGM - M 1 - Beginning of message

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C002	C	**R**			
	1001	C an..3	**R**	*		351 = Despatch advice 35E = Returns advice (GS1 Code) 35X = Despatch of the relocation of goods
	1131	C an..17	**N**			
	3055	C an..3	**D**	*		9 = GS1
Process variant, coded	1000	C an..35	**O**			This data element indicates the variante of the process model textile: ../04-2-2.pdf
	C106	C	**R**			
Document Number	1004	C an..35	**R**			Document number assigned by sender
	1225	C an..3	**R**	*		9 = Original

Segment notes:

Segmentstatus: Mandatory

This segment is used to indicate the type and function of a message and to transmit the identifying number.
Remark DE 1000:
In some special cases (consignation textile) this data element can have the following content by bilaterally agreement:
RELOC = Relocation of goods between outlets
If the code RELOC is used in DE 1001 the code value 35E is to be indicated.

Example: BGM+351::9+87441+9'
The document number is 87441.

6. Segments Layout

Heading section

Segment number: 3

DTM - C 10 - Date/time/period

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C507	M	**M**			
	2005	M an..3	**M**	*		137 = Document/message date/time
Creation date	2380	C an..35	**R**			
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM

Segment notes:

Segmentstatus: Mandatory

Identification of the 'Document/message date/time' (code value 137) is mandatory in the invoice message.

Example: DTM+137:20030503:102'
The message was created on 03.05.2003

6. Segments Layout

Heading section

Segment number: 4

DTM - C 10 - Date/time/period

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C507	M	**M**			
	2005	M an..3	**M**	*		11 = Despatch date and/or time
Despatch date	2380	C an..35	**R**			
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM

Segment notes:

Segmentstatus: Conditional

Date on which good have been/will be despached

Example: DTM+11:20031214:102'
The despatch date is 14.12.2003.

6. Segments Layout

Heading section

Segment number: 5

DTM - C 10 - Date/time/period

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C507	M	**M**			
	2005	M an..3	**M**	*		17 = Delivery date/time, estimated
Delivery date	2380	C an..35	**R**			
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM

Segment notes:

Segmentstatus: Mandatory

Date on which goods have been/will be delivered.
This delivery date relates to the first delivery place.

Example: DTM+17:20031215:102'
The estimated delivery date is 15.12.2003.

6. Segments Layout

Heading section

Segment number: 6

SG1	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**			ON = Order number (buyer)
Buyers order number	1154	C an..70	**C**			

Segment notes:

Segmentstatus: Depending

This segment can contain a reference to buyers order number. In case of CRP orders this number is not available.

Note: SG1 may be repeated max. 10 times.

Example: RFF+ON:4711'
The message references to buyers order number 4711.

6. Segments Layout

Heading section

Segment number: 7

SG1	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**			VN = Order number (supplier)
Suppliers order number	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Depending

This segment is used to provide the (internal) order number of the supplier.
In case of returns and movement between outlets this information is not available.
Note: SG1 may be repeated max. 10 times.

Example: RFF+VN:4712'
The message references to suppliers order number 4712.

6. Segments Layout

Heading section

Segment number: 8

SG1	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**			DQ = Delivery note number
Delivery note	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional
This segment can be used to reference the delivery note number.
This indication is valid for all articles of the entire despatch advice and can be overwritten in the detail-section.

Note: SG1 may be repeated max. 10 times.

Example: RFF+DQ:4714'
The message references to delivery note number 4714.

6. Segments Layout

Heading section

Segment number: 9

SG2	- C	99 -	NAD-SG3-SG4
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3035	M an..3	**M**			BY = Buyer
	C082	C	**A**			
Identification of buyer/ invoicee	3039	M an..35	**M**			Global Location Number (GLN)- Format n13
	1131	C an..17	**N**			
	3055	C an..3	**R**	*		9 = GS1

Segment notes:

Segmentstatus: Mandatory

The buyer/invoicee is identified by GLN.

Example: NAD+BY+4071615111110::9'
The buyer/invoicee is identified by GLN 4071615111110.

6. Segments Layout

Heading section

Segment number: 10

SG2	- C	99 -	NAD-SG3-SG4
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Buyers additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0815'
The additional identification is 0815.

6. Segments Layout

Heading section

Segment number: 11

SG2	- C	99 -	NAD-SG3-SG4
SG4	- C	10 -	CTA
CTA	- M	1 -	Contact information

Description:

To identify a person or a department to whom communication should be directed.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3139	C an..3	**R**			PD = Purchasing contact
	C056	C	**O**			
Purchasing contact department	3413	C an..17	**O**			
Contact person	3412	C an..35	**O**			

Segment notes:

Segmentstatus: Conditional

This segment is used to identify the department and/or person within the party specified in the NAD.

Example: CTA+PD+AG-TI406:Herr Schmidt'
Purchasing contact person is Mr. Schmidt

6. Segments Layout

Heading section

Segment number: 12

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Invoicees additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0847'
The additional identification is 0847.

6. Segments Layout

Heading section

Segment number: 13

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Pick up place additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0808'
The additional identification is 0808.

6. Segments Layout

Heading section

Segment number: 14

SG2	- C	99 -	NAD-SG3-SG4
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3035	M an..3	**M**			DP = Delivery party
	C082	C	**A**			
Delivery party identification	3039	M an..35	**M**			Global Location Number (GLN) - Format n13
	1131	C an..17	**N**			
	3055	C an..3	**R**	*		9 = GS1
	C058	C	**N**		**N**	
	3124	M an..35	**M**			
	C080	C	**D**			
Name 1 of the receiver	3036	M an..35	**M**			
Name 2 of the receiver	3036	C an..35	**O**		**D**	
Name 3 of the receiver	3036	C an..35	**O**		**D**	
	C059	C	**D**			
Street and number of receiver	3042	M an..35	**M**			
Place of receiver - name of a city (town, village) for adressing purposes.	3164	C an..35	**D**			
	C819	C	**N**			
	3229	C an..9	**O**			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies
Postcode of receiver	3251	C an..17	**D**			
Country of receiver, coded	3207	C an..3	**D**			DE = GERMANY

Segment notes:

Segmentstatus: Mandatory

This NAD segment always identifies the first delivery place.

DE 3039: The delivery party is identified by GLN. Party name and adress in clear text may only be used, if a GLN is not (yet) available.

If the delivery party is not known (e.g. pick up by third party), the GLN of the buyer is indicated in DE 3039.

Example: NAD+DP+4089876511118::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Industriestr.13+Köln++50825+DE'
The receipient is identified by GLN 4089876511118.

6. Segments Layout

Heading section

Segment number: 15

SG2	- C	99 -	NAD-SG3-SG4
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Delivery party additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0816'
The additional identification is 0816.

6. Segments Layout

Heading section

Segment number: 16

SG2	- C	99 -	NAD-SG3-SG4
SG4	- C	10 -	CTA-COM
CTA	- M	1 -	Contact information

Description:

To identify a person or a department to whom communication should be directed.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3139	C an..3	**M**			PD = Purchasing contact
	C056	C	**C**			
Contact person or department receiver of goods/services	3413	C an..17	**M**			

Segment notes:

Segmentstatus: Conditional

For possible checkback this segment can provide a person to turn to.

Example: CTA+PD+Claus Früh'
Contact person is Claus Früh.

6. Segments Layout

Heading section

Segment number: 17

SG2	- C	99 -	NAD-SG3
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3035	M an..3	**M**			UC = Ultimate consignee
	C082	C	**A**			
Ultimate consignee identification	3039	M an..35	**M**			Global Location Number (GLN) - Format n13
	1131	C an..17	**N**			
	3055	C an..3	**R**	*		9 = GS1
	C058	C	**N**		**N**	
	3124	M an..35	**M**			
	C080	C	**D**			
Name 1 of the ultimate cosignee	3036	M an..35	**M**			
Name 2 of the ultimate consignee	3036	C an..35	**O**		**D**	
Name 3 of the ultimate consignee	3036	C an..35	**O**		**D**	
	C059	C	**D**			
Street of ultimate consignee	3042	M an..35	**M**			
Place of ultimate consignee - name of a city (town, village) for adressing purposes.	3164	C an..35	**D**			
	C819	C	**N**			
	3229	C an..9	**O**			
Postcode of ultimate consignee	3251	C an..17	**D**			
	3207	C an..3	**D**			DE = GERMANY ISO 3166 two alpha code

Segment notes:

Segmentstatus: Conditional

This NAD segment identifies the secondary delivery place.

If the warehouse is the delivery party (DE 3035 = DP) and the consignment is adressed to a specific outlet, that outlet is identified as ultimate consignee.
DE 3039: The ultimate consignee is identified by GLN. Party name and adress in clear text may only be used, if a GLN is not (yet) available.

Example: NAD+UC+4089876986411::9++Endempfänger-Name 1:Endempfänger-Name 2:Endempfänger-Name 3+Maarweg 104+Köln++50825+DE'
The ultimate consignee is identified by GLN 4089876986411.

6. Segments Layout

Heading section

Segment number: 18

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Ultimate consignee additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0816'
The additional identification is 0816.

6. Segments Layout

Heading section

Segment number: 19

SG2	- C	99 -	NAD-SG3
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3035	M an..3	**M**			SU = Supplier
	C082	C	**A**			
Supplier identification	3039	M an..35	**M**			Global Location Number (GLN) - Format n13
	1131	C an..17	**N**			
	3055	C an..3	**R**	*		9 = GS1
	C058	C	**O**			This composite may only be used to fulfill the requirements of directive 2003/58/EG, article 4. If applicable the message sender gets the possibility to give the relevant statements at this place. If C058 ist not sufficient, more declaration can be given in following RFF+GN... segments.
	3124	M an..35	**M**			
	3124	C an..35	**O**			
	3124	C an..35	**O**			
	3124	C an..35	**O**			
	3124	C an..35	**O**			

Segment notes:

Segmentstatus: Mandatory

The supplier is identified by GLN.

Example: NAD+SU+4389876511113::9+X:X:X:X:X'
The supplier is identified by GLN 4389876511113.

6. Segments Layout

Heading section

Segment number: 20

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**			GN = Government reference number
Statements on business letters	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Depending

This RFF segment may only be used if the preceeding NAD has not enought space to fulfill the requirements of directive 2003/58/EG, article 4.

Example: RFF+GN:HRB-471111'
German statements on business letters: HRB-471111

6. Segments Layout

Heading section

Segment number: 21

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Suppliers additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0817'
The additional identification is 0817.

6. Segments Layout

Heading section

Segment number: 22

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Freight forwarders additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0818'
The additional identification is 0818.

6. Segments Layout

Heading section

Segment number: 23

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
Logistic service provider additional identification	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification. additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0819'
The additional identification is 0819.

6. Segments Layout

Heading section

Segment number: 24

SG2	- C	99 -	NAD
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3035	M an..3	**M**			SF = Ship from
	C082	C	**A**			
Identification of ship from place	3039	M an..35	**M**			Global Location Number (GLN) - Format n13
	1131	C an..17	**N**			
	3055	C an..3	**R**	*		9 = GS1

Segment notes:

Segmentstatus: Conditional

Identification of the ship fro place by Global Location Number (GLN).

Example: NAD+SF+4012345000009::9'
The ship from place is identified by Global Location Number (GLN) 4012345000009.

6. Segments Layout

Detail section consignment

Segment number: 25

SG10	- C	9999 -	CPS-SG11
CPS	- M	1 -	Consignment packing sequence

Description:

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Business Term	DE	EDIFACT	EAN	*	GER	Description
Sequence of packages within the consignment	7164	M an..35	**M**			Sequential numbering is recommended

Segment notes:

Segmentstatus: Mandatory
The CPS segment starts the detail section of the message. The segments following the first occureence of CPS (CPS+1) and previous to the following CPS (CPS+2+1) can provide physical dimensions for the entire consignment.
This segment is used to identify the sequence in which packing of the consignment occurs, i.e. DE 7164 is increased by 1.
Note for the first occurence of SG 10:
Due to a unique message structure the first SG 10 (CPS+1) is always only used to indicate the number of packages of a consignment and its total weight and volume, even if the consignment consists of only one package.

Example: CPS+1'
Sequence number one.

6. Segments Layout

Detail section consignment

Segment number: 26

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA
PAC	- M	1 -	Package

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
Number of packages (Consignment)	7224	C n..8	**O**			
	C531	C	**A**			
	7075	C an..3	**N**			
	7233	C an..3	**O**			50 = Package barcoded EAN-13 or EAN-8 52 = Package barcoded UCC or EAN-128 78 = Package bar-coded and EPC tagged (former 55E) 79 = Package EPC tagged only (former 56E)
	7073	C an..3	**O**			
	C202	C	**O**			
	7065	C an..17	**A**			201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) The use of any code value of this codes list is allowed.
	1131	C an..17	**O**			
	3055	C an..3	**D**			9 = GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the total number of packages per package type within the consignment.

Example: PAC+10+:52+201::9'
10 Pallets ISO 1 - 1/1 EURO Pallet

6. Segments Layout

Detail section consignment

Segment number: 27

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA
MEA	- C	10 -	Measurements

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	6311	M an..3	**M**			PD = Physical dimensions (product ordered)
	C502	C	**A**			
Gross weight of the consignment	6313	C an..3	**A**			AAD = Total gross weight
	6321	C an..3	**O**		**N**	
	6155	C an..17	**N**			
	6154	C an..70	**N**			
	C174	C	**R**			
	6411	M an..3	**M**			KGM = kilogram TNE = tonne (metric ton)
	6314	C an..18	**O**			

Segment notes:

Segmentstatus: Conditional

This segment is used to provide measurements or dimensions relevant to the packaging unit described in the PAC segment. After the first occurence of the CPS segment the total gross weight of the consignment is provided.

Example: MEA+PD+AAD+KGM:10'
The gross weight is 5 kg.

6. Segments Layout

Detail section despatch units

Segment number: 28

SG10	- C	9999 -	CPS-SG11
CPS	- M	1 -	Consignment packing sequence

Description:

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Business Term	DE	EDIFACT	EAN	*	GER	Description
Sequence of the packages (despatch units)	7164	M an..35	**M**			Sequential numbering is recommended
Hierarchy level	7166	C an..35	**A**			

Segment notes:

Segmentstatus: Conditional

The detail section provids information about despatch units and associated SSCC.
This segment is used to indicate the sequence of despatch units within the consignment, i.e. DE 7164 is increased by 1.
If no hierarchical structure is described (first SG10 is mandatory), the message continues with SG 17 after fulfilling the requests of SG 10.

Example: CPS+2+1'
Sequence number two.

6. Segments Layout

Detail section despatch units

Segment number: 29

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

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
Number of packages (despatch units)	7224	C n..8	**O**			
	C531	C	**A**			
	7075	C an..3	**N**			
	7233	C an..3	**O**			50 = Package barcoded EAN-13 or EAN-8 52 = Package barcoded UCC or EAN-128 78 = Package bar-coded and EPC tagged (former 55E) 79 = Package EPC tagged only (former 56E)
	7073	C an..3	**O**			
	C202	C	**O**			
	7065	C an..17	**A**			201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) The use of any code value of this codes list is allowed.
	1131	C an..17	**O**			
	3055	C an..3	**D**			9 = GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the total number of packages of the consignment within the hierarchy level defined in the CPS segment. The content of each package is described in the following LIN segments.

Example: PAC+1+:52+201::9'
This consignment line contains 1 EURO pallet.

6. Segments Layout

Detail section despatch units

Segment number: 30

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA-SG12-SG13
SG13	- C	1000 -	PCI-SG15
PCI	- M	1 -	Package identification

Description:

To specify markings and labels on individual packages or physical units.

Business Term	DE	EDIFACT	EAN	*	GER	Description
Marking with SSCC (despatch units)	4233	C an..3	**R**			33E = Marked with serial shipping container code (GS1 Code)

Segment notes:

Segmentstatus: Conditional

The PCI segment details markings with SSCC.

Example: PCI+33E'
Package identification

6. Segments Layout

Detail section despatch units

Segment number: 31

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA-SG12-SG13
SG13	- C	1000 -	PCI-SG15
SG15	- C	99 -	GIN
GIN	- M	1 -	Goods identity number

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	7405	M an..3	**M**	*		BJ = Serial shipping container code
	C208	M	**M**			
Serial Shipping Container Code (SSCC)	7402	M an..35	**M**			

Segment notes:

Segmentstatus: Conditional

This segment provides the SSCC to uniquely indentify individual packages.

Example: GIN+BJ+340123450000000014'
The SSCC is 340123450000000014

6. Segments Layout

Detail section despatch units / articles

Segment number: 32

SG10	- C	9999 -	CPS-SG11-SG17
CPS	- M	1 -	Consignment packing sequence

Description:

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

Business Term	DE	EDIFACT	EAN	*	GER	Description
Sequence of the packages (despatch units / articles)	7164	M an..35	**M**			Sequential numbering is recommended
Hierarchy level (despatch units / articles)	7166	C an..35	**A**			

Segment notes:

Segmentstatus: Conditional

The line level details package and SSCC information that have not master data character.

This segment is used to provide the sequence of packages within the consignment, i.e. for each package astarts a new line level by use of the CPS segment and DE 7164 is increased by 1.
If for example the previous CPS segment (CPS+2+1) has been a pallet, it is possible to indicate the different layers in case of a sandwich pallet. By use of a sandwich pallet the lowest pallet is the first layer (CPS+3+2),the second layer is CPS+4+2, the third is CPS+5+2 etc. If the articles shall be described, SG10 is followed by SG17.

Example: CPS+3+2'
Sequence number three.

6. Segments Layout

Detail section despatch units / articles

Segment number: 33

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

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
Number of packages (despatch units / articles)	7224	C n..8	**O**			
	C531	C	**A**			
	7075	C an..3	**N**			
	7233	C an..3	**O**			50 = Package barcoded EAN-13 or EAN-8 52 = Package barcoded UCC or EAN-128 78 = Package bar-coded and EPC tagged (former 55E) 79 = Package EPC tagged only (former 56E)
	7073	C an..3	**O**			
	C202	C	**O**			
	7065	C an..17	**A**			201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) The use of any code value of this codes list is allowed.
	1131	C an..17	**O**			
	3055	C an..3	**D**			9 = GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the total number of packages of the consignment within the hierarchy level defined in the CPS segment. The content of each package is described in the following LIN segments.

Example: PAC+1+:52+201::9'
This consignment line contains 1 EURO pallet.

6. Segments Layout

Detail section consignment

Segment number: 34

SG10	- C	9999 -	CPS-SG11-SG17
SG11	- C	1 -	PAC-MEA-SG13
MEA	- C	10 -	Measurements

Description:

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

Business Term	DE	EDIFACT	EAN	*	GER	Description
	6311	M an..3	**M**			PD = Physical dimensions (product ordered)
	C502	C	**A**			
Gross weight of the consignment	6313	C an..3	**A**			AAD = Total gross weight
	6321	C an..3	**O**		**N**	
	6155	C an..17	**N**			
	6154	C an..70	**N**			
	C174	C	**R**			
	6411	M an..3	**M**			KGM = kilogram TNE = tonne (metric ton)
	6314	C an..18	**O**			

Segment notes:

Segmentstatus: Conditional

This segment is used to provide measurements or dimensions relevant to the packaging unit described in the PAC segment. After the first occurence of the CPS segment the total gross weight of the consignment is provided.

Example: MEA+PD+AAD+KGM:10'
The gross weight is 5 kg.

6. Segments Layout

Detail section articles

Segment number: 35

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
LIN	- M	1 -	Line item

Description:

To identify a line item and configuration.

Business Term	DE	EDIFACT	EAN	*	GER	Description
Line item number	1082	C an..6	**R**			Application generated number of the item lines within the message
	1229	C an..3	**N**			
	C212	C	**D**			
GTIN Article identification	7140	C an..35	**R**			GTIN, Format n..14
	7143	C an..3	**R**	*		SRV = GS1 Global Trade Item Number

Segment notes:

Status of segment group: Conditional
Segmentstatus: Mandatory
The LIN segment is used to identify the products contained in the consignment. The GTIN indicated here is the one from the ORDERS.

Example: LIN+1++4056786542381:SRV'
The despatched product is identified by GTIN 4056786542381.

6. Segments Layout

Detail section articles

Segment number: 36

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	4347	M an..3	**M**	*		1 = Additional identification
	C212	M	**M**			
Suppliers article number (secondary indent.)	7140	C an..35	**R**			
	7143	C an..3	**R**			SA = Supplier's article number
	1131	C an..17	**N**			
	3055	C an..3	**D**		**R**	91 = Assigned by supplier or supplier's agent

Segment notes:

Segmentstatus: Conditional

This segment is used to advise the suppliers article number additionally to GTIN.

Example: PIA+1+7788:SA::91'
The product with GTIN 4056786542381 is additionally identified with suppliers article number 7788.

6. Segments Layout

Detail section articles

Segment number: 37

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	4347	M an..3	**M**	*		1 = Additional identification
	C212	M	**M**			
Buyers article number	7140	C an..35	**R**			
	7143	C an..3	**R**			IN = Buyer's item number
	1131	C an..17	**N**			
	3055	C an..3	**D**		**R**	92 = Assigned by buyer or buyer's agent

Segment notes:

Segmentstatus: Conditional

This segment is used to advise the buyers article number additionally to GTIN.

Example: PIA+1+1234:IN::92'
The product with GTIN 4056786542381 is additionally identified with buyers article number 1234.

6. Segments Layout

Detail section articles

Segment number: 38

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	4347	M an..3	**M**	*		1 = Additional identification
	C212	M	**M**			
Batch number	7140	C an..35	**R**			
	7143	C an..3	**R**			NB = Batch number
	1131	C an..17	**N**			
	3055	C an..3	**D**		**R**	91 = Assigned by supplier or supplier's agent

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the batch number.

Example: PIA+1+CH-X4711:NB::91'
The batch number of the product is CH-X4711.

6. Segments Layout

Detail section articles

Segment number: 39

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	4347	M an..3	**M**	*		1 = Additional identification
	C212	M	**M**			
Serial number	7140	C an..35	**R**			
	7143	C an..3	**R**			SN = Serial number
	1131	C an..17	**N**			
	3055	C an..3	**D**		**R**	91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the serial number of a product.

Example: PIA+1+CH-X4711:SN::91'
The serial number of the product is SE-X4711.

6. Segments Layout

Detail section articles

Segment number: 40

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
QTY	- C	10 -	Quantity

Description:

To specify a pertinent quantity.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C186	M	**M**			
	6063	M an..3	**M**	*		12 = Despatch quantity
Delivered quantity	6060	M an..35	**M**			Use only numeric values.
	6411	C an..3	**D**			KGM = kilogram LTR = litre The use of any code value of this codes list is allowed.

Segment notes:

Segmentstatus: Conditional

This segment is used to indicate quantity information for the delivered product identified in LIN. The measurement unit indicated here is the same as in the preceeding ORDERS. For products with variable quantities the number of pieces is indicated here if possible, the weight is indicated in the preceeding MEA segment.

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+12:5'
The quantity is 5 pieces.

6. Segments Layout

Detail section articles

Segment number: 41

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
QTY	- C	10 -	Quantity

Description:

To specify a pertinent quantity.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C186	M	**M**			
	6063	M an..3	**M**	*		192 = Free goods quantity
Free goods quantity	6060	M an..35	**M**			Use only numeric values.
	6411	C an..3	**D**			KGM = kilogram LTR = litre The use of any code value of this codes list is allowed.

Segment notes:

Segmentstatus: Conditional

This segment can be used to provide free goods quantity.

The use of more than one QTY segment needs to be mutually agreed. If the same line contains "quantity delivered, QTY+12..." and "free goods quantity", than "free goods quantity" is contained in "quantity delivered". If one line "free goods quantity" and one line "quantity delivered" is transmitted by use of the same GTIN, the total quantity is calculated by addition of both QTY segments.

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+192:1'
1 piece without invoicing.

6. Segments Layout

Detail section articles

Segment number: 42

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
QTY	- C	10 -	Quantity

Description:

To specify a pertinent quantity.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C186	M	**M**			
	6063	M an..3	**M**	*		21 = Ordered quantity
Ordered quantity	6060	M an..35	**M**			Use only numeric values.
	6411	C an..3	**D**			KGM = kilogram LTR = litre The use of any code value of this codes list is allowed.

Segment notes:

Segmentstatus: Conditional

This segment can be used additionally if quantity differs between what was ordered/delivered.

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+21:9'
The ordered quantity is 9 pieces.

6. Segments Layout

Detail section articles

Segment number: 43

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
SG18	- C	99 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**			ON = Order number (buyer)
Buyers order number (Detail section articles)	1154	C an..70	**R**			
Order line item number	1156	C an..6	**C**			

Segment notes:

Segmentstatus: Conditional

This segments enables a reference to the buyers order number and line item number.

Example: RFF+ON:4811:7'
The despatch advide refers to line 7 of buyers order number 4811.

6. Segments Layout

Detail section

Segment number: 44

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
SG18	- C	99 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C506	M	**M**			
	1153	M an..3	**M**			SS = Seller's reference number
Sellers reference number	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Depending

This RFF segment is used to indicate a sellers reference number relevant for the despatch advice line.
This indication overwrites the information given in the heading-section.

Example: RFF+SS:4711'
The despatch advice line is based on sellers reference no. 4711.

6. Segments Layout

Detail section articles

Segment number: 45

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
SG25	- C	10 -	QVR
QVR	- M	1 -	Quantity variances

Description:

To specify item details relating to quantity variances.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C279	C	**R**			
Quantity difference	6064	M n..15	**M**			
	6063	C an..3	**R**	*		21 = Ordered quantity
	4221	C an..3	**C**			AC = Over-shipped BP = Shipment partial - back order to follow CP = Shipment partial - considered complete, no backorder AC = Code indicating that there was an excess quantity of goods in a shipment relative to the order. BP = The shipment is incomplete, the missing quantities are to follow. CP = Shipment does not fulfil the complete order but should be considered complete. Unshipped items are not considered to be on backorder.

Segment notes:

Segmentstatus: Depending

This segment must be used if variances exist between what was ordered and what is ready for or has been despatched.
The quantity identified in DE 6064 must always refer to the difference between the despatched quantity identified in DE 6060 of QTY at LIN level and the ordered quantity. For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.

Example: QVR+-4:21+BP'
The quantity difference is 4 units.

6. Segments Layout

Summary section

Segment number: 46

CNT - C 5 - Control total

Description:

To provide control total.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C270	M	**M**			
	6069	M an..3	**M**	*		2 = Number of line items in message 7 = Total gross weight Note: When using code value '7= Total gross weight' in this data element the total specified in data element 6066 is arrived at by adding the values in data element 6314 of the MEA segment at LIN level when code value AAB is used in the same MEA segment.
Control value	6066	M n..18	**M**			

Segment notes:

Segmentstatus: Conditional

This segment is used to provide message control information for checking on the message receiver's in-house system.
The message contains 3 line items.

Example: CNT+2:3'

6. Segments Layout

End of message

Segment number: 47

UNT - M 1 - Message trailer						
Description: To end and check the completeness of a message.						
Business Term	**DE**	**EDIFACT**	**EAN**	*****	**GER**	**Description**
Total number of segments in the message	0074	M n..6	**M**			
	0062	M an..14	**M**			The message reference numbered detailed here should equal the one specified in the UNH segment.
Segment notes: Segmentstatus: Mandatory This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message. Number of segments in the message. Example: UNT+154+ME000001' Number of segments in the message.						

7. EANCOM® Segments Layout

Heading section

Segment number: 1

UNH	- M	1 - Message header				
Description: To head, identify and specify a message.						
		EDIFACT	EAN	*	GER	Description:
0062	Message reference number	M an..14	**M**			**Message reference number** Sender's unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.
S009	MESSAGE IDENTIFIER	M	**M**			
0065	Message type	M an..6	**M**	*		DESADV = Despatch advice message
0052	Message version number	M an..3	**M**	*		D = Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	**M**	*		01B = Release 2001 - B
0051	Controlling agency	M an..2	**M**	*		UN = UN/CEFACT
0057	Association assigned code	C an..6	**R**	*		EAN007 = GS1 version control number (GS1 Code)
Segment notes: Segmentstatus: Mandatory This segment is used to head, identify and specify a message. Example: UNH+ME000001+DESADV:D:01B:UN:EAN007' The reference number of the DESADV message is ME000001.						

7. EANCOM® Segments Layout

Heading section

Segment number: 2

BGM	- M	1 - Beginning of message				
Description: To indicate the type and function of a message and to transmit the identifying number.						
		EDIFACT	EAN	*	GER	Description:
C002	DOCUMENT/MESSAGE NAME	C	**R**			
1001	Document name code	C an..3	**R**	*		351 = Despatch advice 35E = Returns advice (GS1 Code) 35X = Despatch of the relocation of goods
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**D**	*		9 = GS1
1000	Document name	C an..35	**O**			This data element indicates the variante of the process model textile: ../04-2-2.pdf **Process variant, coded**
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	**R**			
1004	Document identifier	C an..35	**R**			**Document Number** Document number assigned by sender
1225	Message function code	C an..3	**R**	*		9 = Original

Segment notes:

Segmentstatus: Mandatory

This segment is used to indicate the type and function of a message and to transmit the identifying number.
Remark DE 1000:
In some special cases (consignation textile) this data element can have the following content by bilaterally agreement:
RELOC = Relocation of goods between outlets
If the code RELOC is used in DE 1001 the code value 35E is to be indicated.

Example: BGM+351::9+87441+9'
The document number is 87441.

7. EANCOM® Segments Layout

Heading section

Segment number: 3

DTM	- C	10 - Date/time/period				
Description: To specify date, and/or time, or period.						
		EDIFACT	EAN	*	GER	Description:
C507	DATE/TIME/PERIOD	M	**M**			
2005	Date or time or period function code qualifier	M an..3	**M**	*		137 = Document/message date/time
2380	Date or time or period value	C an..35	**R**			**Creation date**
2379	Date or time or period format code	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM

Segment notes:

Segmentstatus: Mandatory

Identification of the 'Document/message date/time' (code value 137) is mandatory in the invoice message.

Example: DTM+137:20030503:102'
The message was created on 03.05.2003

7. EANCOM® Segments Layout

Heading section

Segment number: 4

DTM	- C	10 - Date/time/period				
Description:						
To specify date, and/or time, or period.						
		EDIFACT	EAN	*	GER	Description:
C507	DATE/TIME/PERIOD	M	**M**			
2005	Date or time or period function code qualifier	M an..3	**M**	*		11 = Despatch date and/or time
2380	Date or time or period value	C an..35	**R**			**Despatch date**
2379	Date or time or period format code	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM
Segment notes:						
Segmentstatus: Conditional						
Date on which good have been/will be despached						
Example: DTM+11:20031214:102' The despatch date is 14.12.2003.						

7. EANCOM® Segments Layout

Heading section

Segment number: 5

DTM	- C	10 -	Date/time/period				
Description: To specify date, and/or time, or period.							
		EDIFACT	EAN	*	GER	Description:	
C507	DATE/TIME/PERIOD	M	**M**				
2005	Date or time or period function code qualifier	M an..3	**M**	*		17 = Delivery date/time, estimated	
2380	Date or time or period value	C an..35	**R**			**Delivery date**	
2379	Date or time or period format code	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM	

Segment notes:

Segmentstatus: Mandatory

Date on which goods have been/will be delivered.
This delivery date relates to the first delivery place.

Example: DTM+17:20031215:102'
The estimated delivery date is 15.12.2003.

7. EANCOM® Segments Layout

Heading section

Segment number: 6

SG1	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**			ON = Order number (buyer)
1154	Reference identifier	C an..70	**C**			**Buyers order number**

Segment notes:

Segmentstatus: Depending

This segment can contain a reference to buyers order number. In case of CRP orders this number is not available.

Note: SG1 may be repeated max. 10 times.

Example: RFF+ON:4711'
The message references to buyers order number 4711.

7. EANCOM® Segments Layout

Heading section

Segment number: 7

SG1	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**			VN = Order number (supplier)
1154	Reference identifier	C an..70	**R**			**Suppliers order number**

Segment notes:

Segmentstatus: Depending

This segment is used to provide the (internal) order number of the supplier.
In case of returns and movement between outlets this information is not available.
Note: SG1 may be repeated max. 10 times.

Example: RFF+VN:4712'
The message references to suppliers order number 4712.

7. EANCOM® Segments Layout

Heading section

Segment number: 8

SG1	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**			DQ = Delivery note number
1154	Reference identifier	C an..70	**R**			**Delivery note**

Segment notes:

Segmentstatus: Conditional
This segment can be used to reference the delivery note number.
This indication is valid for all articles of the entire despatch advice and can be overwritten in the detail-section.

Note: SG1 may be repeated max. 10 times.

Example: RFF+DQ:4714'
The message references to delivery note number 4714.

7. EANCOM® Segments Layout

Heading section

Segment number: 9

SG2	- C	99 -	NAD-SG3-SG4
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

		EDIFACT	EAN	*	GER	Description:
3035	Party function code qualifier	M an..3	**M**			BY = Buyer
C082	PARTY IDENTIFICATION DETAILS	C	**A**			
3039	Party identifier	M an..35	**M**			**Identification of buyer/invoicee** Global Location Number (GLN)- Format n13
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**R**	*		9 = GS1

Segment notes:

Segmentstatus: Mandatory

The buyer/invoicee is identified by GLN.

Example: NAD+BY+4071615111110::9'
The buyer/invoicee is identified by GLN 4071615111110.

7. EANCOM® Segments Layout

Heading section

Segment number: 10

SG2	- C	99 -	NAD-SG3-SG4
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Buyers additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0815'
The additional identification is 0815.

7. EANCOM® Segments Layout

Heading section

Segment number: 11

SG2	- C	99	-	NAD-SG3-SG4
SG4	- C	10	-	CTA
CTA	- M	1	-	Contact information

Description:

To identify a person or a department to whom communication should be directed.

		EDIFACT	EAN	*	GER	Description:
3139	Contact function code	C an..3	**R**			PD = Purchasing contact
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	**O**			
3413	Department or employee name code	C an..17	**O**			**Purchasing contact department**
3412	Department or employee name	C an..35	**O**			**Contact person**

Segment notes:

Segmentstatus: Conditional

This segment is used to identify the department and/or person within the party specified in the NAD.

Example: CTA+PD+AG-TI406:Herr Schmidt'
Purchasing contact person is Mr. Schmidt

7. EANCOM® Segments Layout

Heading section

Segment number: 12

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Invoicees additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0847'
The additional identification is 0847.

7. EANCOM® Segments Layout

Heading section

Segment number: 13

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Pick up place additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0808'
The additional identification is 0808.

7. EANCOM® Segments Layout

Heading section

Segment number: 14

SG2	- C	99 -	NAD-SG3-SG4
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

		EDIFACT	EAN	*	GER	Description:
3035	Party function code qualifier	M an..3	**M**			DP = Delivery party
C082	PARTY IDENTIFICATION DETAILS	C	**A**			
3039	Party identifier	M an..35	**M**			**Delivery party identification** Global Location Number (GLN) - Format n13
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**R**	*		9 = GS1
C058	NAME AND ADDRESS	C	**N**		**N**	
3124	Name and address description	M an..35	**M**			
C080	PARTY NAME	C	**D**			
3036	Party name	M an..35	**M**			**Name 1 of the receiver**
3036	Party name	C an..35	**O**		**D**	**Name 2 of the receiver**
3036	Party name	C an..35	**O**		**D**	**Name 3 of the receiver**
C059	STREET	C	**D**			
3042	Street and number or post office box identifier	M an..35	**M**			**Street and number of receiver**
3164	City name	C an..35	**D**			**Place of receiver - name of a city (town, village) for adressing purposes.**
C819	COUNTRY SUB-ENTITY DETAILS	C	**N**			
3229	Country sub-entity name code	C an..9	**O**			Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies
3251	Postal identification code	C an..17	**D**			**Postcode of receiver**
3207	Country name code	C an..3	**D**			**Country of receiver, coded** DE = GERMANY

Segment notes:

Segmentstatus: Mandatory

This NAD segment always identifies the first delivery place.

DE 3039: The delivery party is identified by GLN. Party name and adress in clear text may only be used, if a GLN is not (yet) available.

If the delivery party is not known (e.g. pick up by third party), the GLN of the buyer is indicated in DE 3039.

Example: NAD+DP+4089876511118::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger -Name 3+Industriestr.13+Köln++50825+DE'
The receipient is identified by GLN 4089876511118.

7. EANCOM® Segments Layout

Heading section

Segment number: 15

SG2	- C	99 -	NAD-SG3-SG4
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Delivery party additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0816'
The additional identification is 0816.

7. EANCOM® Segments Layout

Heading section

Segment number: 16

SG2	- C	99	-	NAD-SG3-SG4
SG4	- C	10	-	CTA-COM
CTA	- M	1	-	Contact information

Description:

To identify a person or a department to whom communication should be directed.

		EDIFACT	EAN	*	GER	Description:
3139	Contact function code	C an..3	**M**			PD = Purchasing contact
C056	DEPARTMENT OR EMPLOYEE DETAILS	C	**C**			
3413	Department or employee name code	C an..17	**M**			**Contact person or department receiver of goods/services**

Segment notes:

Segmentstatus: Conditional

For possible checkback this segment can provide a person to turn to.

Example: CTA+PD+Claus Früh'
Contact person is Claus Früh.

7. EANCOM® Segments Layout

Heading section

Segment number: 17

SG2	- C	99 -	NAD-SG3
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

		EDIFACT	EAN	*	GER	Description:
3035	Party function code qualifier	M an..3	**M**			UC = Ultimate consignee
C082	PARTY IDENTIFICATION DETAILS	C	**A**			
3039	Party identifier	M an..35	**M**			Global Location Number (GLN) - Format n13 **Ultimate consignee identification**
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**R**	*		9 = GS1
C058	NAME AND ADDRESS	C	**N**		**N**	
3124	Name and address description	M an..35	**M**			
C080	PARTY NAME	C	**D**			
3036	Party name	M an..35	**M**			**Name 1 of the ultimate cosignee**
3036	Party name	C an..35	**O**		**D**	**Name 2 of the ultimate consignee**
3036	Party name	C an..35	**O**		**D**	**Name 3 of the ultimate consignee**
C059	STREET	C	**D**			
3042	Street and number or post office box identifier	M an..35	**M**			**Street of ultimate consignee**
3164	City name	C an..35	**D**			**Place of ultimate consignee - name of a city (town, village) for adressing purposes.**
C819	COUNTRY SUB-ENTITY DETAILS	C	**N**			
3229	Country sub-entity name code	C an..9	**O**			
3251	Postal identification code	C an..17	**D**			**Postcode of ultimate consignee**
3207	Country name code	C an..3	**D**			DE = GERMANY ISO 3166 two alpha code

Segment notes:

Segmentstatus: Conditional

This NAD segment identifies the secondary delivery place.

If the warehouse is the delivery party (DE 3035 = DP) and the consignment is adressed to a specific outlet, that outlet is identified as ultimate consignee.
DE 3039: The ultimate consignee is identified by GLN. Party name and adress in clear text may only be used, if a GLN is not (yet) available.

Example: NAD+UC+4089876986411::9++Endempfänger-Name 1:Endempfänger-Name 2:Endempfänger-Name 3+Maarweg 104+Köln++50825+DE'
The ultimate consignee is identified by GLN 4089876986411.

7. EANCOM® Segments Layout

Heading section

Segment number: 18

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Ultimate consignee additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0816'
The additional identification is 0816.

7. EANCOM® Segments Layout

Heading section

Segment number: 19

SG2	- C	99 -	NAD-SG3
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

		EDIFACT	EAN	*	GER	Description:
3035	Party function code qualifier	M an..3	**M**			SU = Supplier
C082	PARTY IDENTIFICATION DETAILS	C	**A**			
3039	Party identifier	M an..35	**M**			**Supplier identification** Global Location Number (GLN) - Format n13
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**R**	*		9 = GS1
C058	NAME AND ADDRESS	C	**O**			This composite may only be used to fulfill the requirements of directive 2003/58/EG, article 4. If applicable the message sender gets the possibility to give the relevant statements at this place. If C058 ist not sufficient, more declaration can be given in following RFF+GN... segments.
3124	Name and address description	M an..35	**M**			
3124	Name and address description	C an..35	**O**			
3124	Name and address description	C an..35	**O**			
3124	Name and address description	C an..35	**O**			
3124	Name and address description	C an..35	**O**			

Segment notes:

Segmentstatus: Mandatory

The supplier is identified by GLN.

Example: NAD+SU+4389876511113::9+X:X:X:X:X'
The supplier is identified by GLN 4389876511113.

7. EANCOM® Segments Layout

Heading section

Segment number: 20

SG2	- C	99	-	NAD-SG3
SG3	- C	10	-	RFF
RFF	- M	1	-	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**			GN = Government reference number
1154	Reference identifier	C an..70	**R**			**Statements on business letters**

Segment notes:

Segmentstatus: Depending

This RFF segment may only be used if the preceeding NAD has not enought space to fulfill the requirements of directive 2003/58/EG, article 4.

Example: RFF+GN:HRB-471111'
German statements on business letters: HRB-471111

7. EANCOM® Segments Layout

Heading section

Segment number: 21

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Suppliers additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0817'
The additional identification is 0817.

7. EANCOM® Segments Layout

Heading section

Segment number: 22

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Freight forwarders additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0818'
The additional identification is 0818.

7. EANCOM® Segments Layout

Heading section

Segment number: 23

SG2	- C	99 -	NAD-SG3
SG3	- C	10 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**	*		YC1 = Additional party identification (GS1 Code)
1154	Reference identifier	C an..70	**R**			**Logistic service provider additional identification**

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify an agreed additional identification. additional identification.

If no functional or organisational differences are necessary within one company only the GLN is used for communication purposes, if applicable the receiver links within the inhouse system. Additional identifications should be agreed only in those cases when different functional entities need to be distinguished at one location.

Example: RFF+YC1:0819'
The additional identification is 0819.

7. EANCOM® Segments Layout

Heading section

Segment number: 24

SG2	- C	99 -	NAD
NAD	- M	1 -	Name and address

Description:

To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.

		EDIFACT	EAN	*	GER	Description:
3035	Party function code qualifier	M an..3	**M**			SF = Ship from
C082	PARTY IDENTIFICATION DETAILS	C	**A**			
3039	Party identifier	M an..35	**M**			**Identification of ship from place** Global Location Number (GLN) - Format n13
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**R**	*		9 = GS1

Segment notes:

Segmentstatus: Conditional

Identification of the ship fro place by Global Location Number (GLN).

Example: NAD+SF+4012345000009::9'
The ship from place is identified by Global Location Number (GLN) 4012345000009.

7. EANCOM® Segments Layout

Detail section consignment

Segment number: 25

SG10	- C	9999 -	CPS-SG11
CPS	- M	1 -	Consignment packing sequence

Description:

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

		EDIFACT	EAN	*	GER	Description:
7164	Hierarchical structure level identifier	M an..35	**M**			**Sequence of packages within the consignment** Sequential numbering is recommended

Segment notes:

Segmentstatus: Mandatory
The CPS segment starts the detail section of the message. The segments following the first occureence of CPS (CPS+1) and previous to the following CPS (CPS+2+1) can provide physical dimensions for the entire consignment.
This segment is used to identify the sequence in which packing of the consignment occurs, i.e. DE 7164 is increased by 1.
Note for the first occurence of SG 10:
Due to a unique message structure the first SG 10 (CPS+1) is always only used to indicate the number of packages of a consignment and its total weight and volume, even if the consignment consists of only one package.

Example: CPS+1'
Sequence number one.

7. EANCOM® Segments Layout

Detail section consignment

Segment number: 26

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA
PAC	- M	1 -	Package

Description:

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

		EDIFACT	EAN	*	GER	Description:
7224	Package quantity	C n..8	**O**			**Number of packages (Consignment)**
C531	PACKAGING DETAILS	C	**A**			
7075	Packaging level code	C an..3	**N**			
7233	Packaging related description code	C an..3	**O**			50 = Package barcoded EAN-13 or EAN-8 52 = Package barcoded UCC or EAN-128 78 = Package bar-coded and EPC tagged (former 55E) 79 = Package EPC tagged only (former 56E)
7073	Packaging terms and conditions code	C an..3	**O**			
C202	PACKAGE TYPE	C	**O**			
7065	Package type description code	C an..17	**A**			201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) The use of any code value of this codes list is allowed.
1131	Code list identification code	C an..17	**O**			
3055	Code list responsible agency code	C an..3	**D**			9 = GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the total number of packages per package type within the consignment.

Example: PAC+10+:52+201::9'
10 Pallets ISO 1 - 1/1 EURO Pallet

7. EANCOM® Segments Layout

Detail section consignment

Segment number: 27

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA
MEA	- C	10 -	Measurements

Description:

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

		EDIFACT	EAN	*	GER	Description:
6311	Measurement purpose code qualifier	M an..3	**M**			PD = Physical dimensions (product ordered)
C502	MEASUREMENT DETAILS	C	**A**			
6313	Measured attribute code	C an..3	**A**			**Gross weight of the consignment** AAD = Total gross weight
6321	Measurement significance code	C an..3	**O**		**N**	
6155	Non-discrete measurement name code	C an..17	**N**			
6154	Non-discrete measurement name	C an..70	**N**			
C174	VALUE/RANGE	C	**R**			
6411	Measurement unit code	M an..3	**M**			KGM = kilogram TNE = tonne (metric ton)
6314	Measurement value	C an..18	**O**			

Segment notes:

Segmentstatus: Conditional

This segment is used to provide measurements or dimensions relevant to the packaging unit described in the PAC segment. After the first occurence of the CPS segment the total gross weight of the consignment is provided.

Example: MEA+PD+AAD+KGM:10'
The gross weight is 5 kg.

7. EANCOM® Segments Layout

Detail section despatch units

Segment number: 28

SG10	- C	9999 -	CPS-SG11
CPS	- M	1 -	Consignment packing sequence

Description:

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

		EDIFACT	EAN	*	GER	Description:
7164	Hierarchical structure level identifier	M an..35	**M**			**Sequence of the packages (despatch units)** Sequential numbering is recommended
7166	Hierarchical structure parent identifier	C an..35	**A**			**Hierarchy level**

Segment notes:

Segmentstatus: Conditional

The detail section provids information about despatch units and associated SSCC.
This segment is used to indicate the sequence of despatch units within the consignment, i.e. DE 7164 is increased by 1.
If no hierarchical structure is described (first SG10 is mandatory), the message continues with SG 17 after fulfilling the requests of SG 10.

Example: CPS+2+1'
Sequence number two.

7. EANCOM® Segments Layout

Detail section despatch units

Segment number: 29

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

Description:

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

		EDIFACT	EAN	*	GER	Description:
7224	Package quantity	C n..8	**O**			**Number of packages (despatch units)**
C531	PACKAGING DETAILS	C	**A**			
7075	Packaging level code	C an..3	**N**			
7233	Packaging related description code	C an..3	**O**			50 = Package barcoded EAN-13 or EAN-8 52 = Package barcoded UCC or EAN-128 78 = Package bar-coded and EPC tagged (former 55E) 79 = Package EPC tagged only (former 56E)
7073	Packaging terms and conditions code	C an..3	**O**			
C202	PACKAGE TYPE	C	**O**			
7065	Package type description code	C an..17	**A**			201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) The use of any code value of this codes list is allowed.
1131	Code list identification code	C an..17	**O**			
3055	Code list responsible agency code	C an..3	**D**			9 = GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the total number of packages of the consignment within the hierarchy level defined in the CPS segment. The content of each package is described in the following LIN segments.

Example: PAC+1+:52+201::9'
This consignment line contains 1 EURO pallet.

7. EANCOM® Segments Layout

Detail section despatch units

Segment number: 30

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA-SG12-SG13
SG13	- C	1000 -	PCI-SG15
PCI	- M	1 -	Package identification

Description:

To specify markings and labels on individual packages or physical units.

		EDIFACT	EAN	*	GER	Description:
4233	Marking instructions code	C an..3	**R**			**Marking with SSCC (despatch units)** 33E = Marked with serial shipping container code (GS1 Code)

Segment notes:

Segmentstatus: Conditional

The PCI segment details markings with SSCC.

Example: PCI+33E'
Package identification

7. EANCOM® Segments Layout

Detail section despatch units

Segment number: 31

SG10	- C	9999 -	CPS-SG11
SG11	- C	1 -	PAC-MEA-SG12-SG13
SG13	- C	1000 -	PCI-SG15
SG15	- C	99 -	GIN
GIN	- M	1 -	Goods identity number

Description:

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

		EDIFACT	EAN	*	GER	Description:
7405	Object identification code qualifier	M an..3	**M**	*****		BJ = Serial shipping container code
C208	IDENTITY NUMBER RANGE	M	**M**			
7402	Object identifier	M an..35	**M**			**Serial Shipping Container Code (SSCC)**

Segment notes:

Segmentstatus: Conditional

This segment provides the SSCC to uniquely indentify individual packages.

Example: GIN+BJ+340123450000000014'
The SSCC is 340123450000000014

7. EANCOM® Segments Layout

Detail section despatch units / articles

Segment number: 32

SG10	- C	9999 -	CPS-SG11-SG17
CPS	- M	1 -	Consignment packing sequence

Description:

To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.

		EDIFACT	EAN	*	GER	Description:
7164	Hierarchical structure level identifier	M an..35	**M**			**Sequence of the packages (despatch units / articles)** Sequential numbering is recommended
7166	Hierarchical structure parent identifier	C an..35	**A**			**Hierarchy level (despatch units / articles)**

Segment notes:

Segmentstatus: Conditional

The line level details package and SSCC information that have not master data character.

This segment is used to provide the sequence of packages within the consignment, i.e. for each package astarts a new line level by use of the CPS segment and DE 7164 is increased by 1.
If for example the previous CPS segment (CPS+2+1) has been a pallet, it is possible to indicate the different layers in case of a sandwich pallet. By use of a sandwich pallet the lowest pallet is the first layer (CPS+3+2),the second layer is CPS+4+2, the third is CPS+5+2 etc. If the articles shall be described, SG10 is followed by SG17.

Example: CPS+3+2'
Sequence number three.

7. EANCOM® Segments Layout

Detail section despatch units / articles

Segment number: 33

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

Description:

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

		EDIFACT	EAN	*	GER	Description:
7224	Package quantity	C n..8	**O**			**Number of packages (despatch units / articles)**
C531	PACKAGING DETAILS	C	**A**			
7075	Packaging level code	C an..3	**N**			
7233	Packaging related description code	C an..3	**O**			50 = Package barcoded EAN-13 or EAN-8 52 = Package barcoded UCC or EAN-128 78 = Package bar-coded and EPC tagged (former 55E) 79 = Package EPC tagged only (former 56E)
7073	Packaging terms and conditions code	C an..3	**O**			
C202	PACKAGE TYPE	C	**O**			
7065	Package type description code	C an..17	**A**			201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Code) The use of any code value of this codes list is allowed.
1131	Code list identification code	C an..17	**O**			
3055	Code list responsible agency code	C an..3	**D**			9 = GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the total number of packages of the consignment within the hierarchy level defined in the CPS segment. The content of each package is described in the following LIN segments.

Example: PAC+1+:52+201::9'
This consignment line contains 1 EURO pallet.

7. EANCOM® Segments Layout

Detail section consignment

Segment number: 34

SG10	- C	9999 -	CPS-SG11-SG17
SG11	- C	1 -	PAC-MEA-SG13
MEA	- C	10 -	Measurements

Description:

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

		EDIFACT	EAN	*	GER	Description:
6311	Measurement purpose code qualifier	M an..3	**M**			PD = Physical dimensions (product ordered)
C502	MEASUREMENT DETAILS	C	**A**			
6313	Measured attribute code	C an..3	**A**			**Gross weight of the consignment** AAD = Total gross weight
6321	Measurement significance code	C an..3	**O**		**N**	
6155	Non-discrete measurement name code	C an..17	**N**			
6154	Non-discrete measurement name	C an..70	**N**			
C174	VALUE/RANGE	C	**R**			
6411	Measurement unit code	M an..3	**M**			KGM = kilogram TNE = tonne (metric ton)
6314	Measurement value	C an..18	**O**			

Segment notes:

Segmentstatus: Conditional

This segment is used to provide measurements or dimensions relevant to the packaging unit described in the PAC segment. After the first occurence of the CPS segment the total gross weight of the consignment is provided.

Example: MEA+PD+AAD+KGM:10'
The gross weight is 5 kg.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 35

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
LIN	- M	1 -	Line item

Description:

To identify a line item and configuration.

		EDIFACT	EAN	*	GER	Description:
1082	Line item identifier	C an..6	**R**			**Line item number** Application generated number of the item lines within the message
1229	Action request/notification description code	C an..3	**N**			
C212	ITEM NUMBER IDENTIFICATION	C	**D**			
7140	Item identifier	C an..35	**R**			**GTIN Article identification** GTIN, Format n..14
7143	Item type identification code	C an..3	**R**	*****		SRV = GS1 Global Trade Item Number

Segment notes:

Status of segment group: Conditional
Segmentstatus: Mandatory
The LIN segment is used to identify the products contained in the consignment. The GTIN indicated here is the one from the ORDERS.

Example: LIN+1++4056786542381:SRV'
The despatched product is identified by GTIN 4056786542381.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 36

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

		EDIFACT	EAN	*	GER	Description:
4347	Product identifier code qualifier	M an..3	**M**	*****		1 = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	**M**			
7140	Item identifier	C an..35	**R**			**Suppliers article number (secondary indent.)**
7143	Item type identification code	C an..3	**R**			SA = Supplier's article number
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**D**		**R**	91 = Assigned by supplier or supplier's agent

Segment notes:

Segmentstatus: Conditional

This segment is used to advise the suppliers article number additionally to GTIN.

Example: PIA+1+7788:SA::91'
The product with GTIN 4056786542381 is additionally identified with suppliers article number 7788.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 37

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

		EDIFACT	EAN	*	GER	Description:
4347	Product identifier code qualifier	M an..3	**M**	*****		1 = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	**M**			
7140	Item identifier	C an..35	**R**			**Buyers article number**
7143	Item type identification code	C an..3	**R**			IN = Buyer's item number
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**D**		**R**	92 = Assigned by buyer or buyer's agent

Segment notes:

Segmentstatus: Conditional

This segment is used to advise the buyers article number additionally to GTIN.

Example: PIA+1+1234:IN::92'
The product with GTIN 4056786542381 is additionally identified with buyers article number 1234.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 38

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

		EDIFACT	EAN	*	GER	Description:
4347	Product identifier code qualifier	M an..3	**M**	*****		1 = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	**M**			
7140	Item identifier	C an..35	**R**			**Batch number**
7143	Item type identification code	C an..3	**R**			NB = Batch number
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**D**		**R**	91 = Assigned by supplier or supplier's agent

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the batch number.

Example: PIA+1+CH-X4711:NB::91'
The batch number of the product is CH-X4711.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 39

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
PIA	- C	10 -	Additional product id

Description:

To specify additional or substitutional item identification codes.

		EDIFACT	EAN	*	GER	Description:
4347	Product identifier code qualifier	M an..3	**M**	*****		1 = Additional identification
C212	ITEM NUMBER IDENTIFICATION	M	**M**			
7140	Item identifier	C an..35	**R**			**Serial number**
7143	Item type identification code	C an..3	**R**			SN = Serial number
1131	Code list identification code	C an..17	**N**			
3055	Code list responsible agency code	C an..3	**D**		**R**	91 = Assigned by supplier or supplier's agent 92 = Assigned by buyer or buyer's agent

Segment notes:

Segmentstatus: Conditional

This segment can be used to indicate the serial number of a product.

Example: PIA+1+CH-X4711:SN::91'
The serial number of the product is SE-X4711.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 40

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
QTY	- C	10 -	Quantity

Description:

To specify a pertinent quantity.

		EDIFACT	EAN	*	GER	Description:
C186	QUANTITY DETAILS	M	**M**			
6063	Quantity type code qualifier	M an..3	**M**	*		12 = Despatch quantity
6060	Quantity	M an..35	**M**			**Delivered quantity** Use only numeric values.
6411	Measurement unit code	C an..3	**D**			KGM = kilogram LTR = litre The use of any code value of this codes list is allowed.

Segment notes:

Segmentstatus: Conditional

This segment is used to indicate quantity information for the delivered product identified in LIN. The measurement unit indicated here is the same as in the preceeding ORDERS. For products with variable quantities the number of pieces is indicated here if possible, the weight is indicated in the preceeding MEA segment.

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+12:5'
The quantity is 5 pieces.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 41

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
QTY	- C	10 -	Quantity

Description:

To specify a pertinent quantity.

		EDIFACT	EAN	*	GER	Description:
C186	QUANTITY DETAILS	M	**M**			
6063	Quantity type code qualifier	M an..3	**M**	*		192 = Free goods quantity
6060	Quantity	M an..35	**M**			**Free goods quantity** Use only numeric values.
6411	Measurement unit code	C an..3	**D**			KGM = kilogram LTR = litre The use of any code value of this codes list is allowed.

Segment notes:

Segmentstatus: Conditional

This segment can be used to provide free goods quantity.

The use of more than one QTY segment needs to be mutually agreed. If the same line contains "quantity delivered, QTY+12..." and "free goods quantity", than "free goods quantity" is contained in "quantity delivered". If one line "free goods quantity" and one line "quantity delivered" is transmitted by use of the same GTIN, the total quantity is calculated by addition of both QTY segments.

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+192:1'
1 piece without invoicing.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 42

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
QTY	- C	10 -	Quantity

Description:

To specify a pertinent quantity.

		EDIFACT	EAN	*	GER	Description:
C186	QUANTITY DETAILS	M	**M**			
6063	Quantity type code qualifier	M an..3	**M**	*		21 = Ordered quantity
6060	Quantity	M an..35	**M**			**Ordered quantity** Use only numeric values.
6411	Measurement unit code	C an..3	**D**			KGM = kilogram LTR = litre The use of any code value of this codes list is allowed.

Segment notes:

Segmentstatus: Conditional

This segment can be used additionally if quantity differs between what was ordered/delivered.

DE 6411 is only used, if the article is a variable quantity article. Default value is piece.

Example: QTY+21:9'
The ordered quantity is 9 pieces.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 43

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
SG18	- C	99 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**			ON = Order number (buyer)
1154	Reference identifier	C an..70	**R**			**Buyers order number (Detail section articles)**
1156	Document line identifier	C an..6	**C**			**Order line item number**

Segment notes:

Segmentstatus: Conditional

This segments enables a reference to the buyers order number and line item number.

Example: RFF+ON:4811:7'
The despatch advide refers to line 7 of buyers order number 4811.

7. EANCOM® Segments Layout

Detail section

Segment number: 44

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
SG18	- C	99 -	RFF
RFF	- M	1 -	Reference

Description:

To specify a reference.

		EDIFACT	EAN	*	GER	Description:
C506	REFERENCE	M	**M**			
1153	Reference code qualifier	M an..3	**M**			SS = Seller's reference number
1154	Reference identifier	C an..70	**R**			**Sellers reference number**

Segment notes:

Segmentstatus: Depending

This RFF segment is used to indicate a sellers reference number relevant for the despatch advice line.
This indication overwrites the information given in the heading-section.

Example: RFF+SS:4711'
The despatch advice line is based on sellers reference no. 4711.

7. EANCOM® Segments Layout

Detail section articles

Segment number: 45

SG10	- C	9999 -	CPS-SG11-SG17
SG17	- C	9999 -	LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG18-SG22-SG25
SG25	- C	10 -	QVR
QVR	- M	1 -	Quantity variances

Description:

To specify item details relating to quantity variances.

		EDIFACT	EAN	*	GER	Description:
C279	QUANTITY DIFFERENCE INFORMATION	C	**R**			
6064	Quantity variance value	M n..15	**M**			**Quantity difference**
6063	Quantity type code qualifier	C an..3	**R**	*		21 = Ordered quantity
4221	Discrepancy nature identification code	C an..3	**C**			AC = Over-shipped BP = Shipment partial - back order to follow CP = Shipment partial - considered complete, no backorder AC = Code indicating that there was an excess quantity of goods in a shipment relative to the order. BP = The shipment is incomplete, the missing quantities are to follow. CP = Shipment does not fulfil the complete order but should be considered complete. Unshipped items are not considered to be on backorder.

Segment notes:

Segmentstatus: Depending

This segment must be used if variances exist between what was ordered and what is ready for or has been despatched.
The quantity identified in DE 6064 must always refer to the difference between the despatched quantity identified in DE 6060 of QTY at LIN level and the ordered quantity. For negative values (e.g. damaged goods not accepted) the variance must be expressed as negative.

Example: QVR+-4:21+BP'
The quantity difference is 4 units.

7. EANCOM® Segments Layout

Summary section

Segment number: 46

CNT	- C	5 - Control total				
Description: To provide control total.						
		EDIFACT	EAN	*	GER	Description:
C270	CONTROL	M	**M**			
6069	Control total type code qualifier	M an..3	**M**	*		2 = Number of line items in message 7 = Total gross weight Note: When using code value '7= Total gross weight' in this data element the total specified in data element 6066 is arrived at by adding the values in data element 6314 of the MEA segment at LIN level when code value AAB is used in the same MEA segment.
6066	Control total value	M n..18	**M**			**Control value**
Segment notes: Segmentstatus: Conditional This segment is used to provide message control information for checking on the message receiver's in-house system. The message contains 3 line items. Example: CNT+2:3'						

7. EANCOM® Segments Layout

End of message

Segment number: 47

UNT	- M	1 -	Message trailer

Description:

To end and check the completeness of a message.

		EDIFACT	EAN	*	GER	Description:
0074	Number of segments in the message	M n..6	**M**			**Total number of segments in the message**
0062	Message reference number	M an..14	**M**			The message reference numbered detailed here should equal the one specified in the UNH segment.

Segment notes:

Segmentstatus: Mandatory

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

Example: UNT+154+ME000001'
Number of segments in the message.

8. Example(s)

Example 1:
DESADV with sandwich pallets

The following is an example of a Despatch Advice message providing a description of a consignment of goods to be despatched by the supplier of the goods, identified by GLN 4005505000001. The buyer of the goods is identified by GLN 4300234000002 and the warehouse where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are a complete shipment of the goods purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007.

The despatch advice refers to a consignment of goods to be despatched, containing 4 pallets, each pallet uniquely identified by a GS1 serial shipping container code (SSCC). All pallets are standard pallets 800mm x 1200mm.

The first pallet is a sandwich pallet identified by SSCC 340055006337013062 with 3 layers containing 49 cartons. The first layer is identified by SSCC 340055007128841024 and contains 3 cartons of a product with GTIN 400550073437. The second layer is identified by SSCC 340055007128855892 and contains 10 cartons of a product with GTIN 405500073406. The third layer is identified by SSCC 340055007128841109 and contains 13 cartons of a product with GTIN 400550072409 and 23 cartons of a product with GTIN 4005500073802.

The second pallet is a homogeneous pallet identified by SSCC 340055007128841031 contains 80 cartons of a product with GTIN 4005500072904.

The third pallet is a homogeneous pallet identified by SSCC 340055007128869400 contains 44 cartons of a product with GTIN 400550073109.

The fourth pallet is a sandwich pallet identified by SSCC 340055000223707189 with 3 layers containing 52 cartons. The first layer is identified by SSCC 340055007128841109 and contains 4 cartons of a product with GTIN 4005500073451. The second layer is identified by SSCC 340055005922028450 and contains 10 cartons of a product with GTIN 405500073406. The third layer is identified by SSCC 340055007128855540 and contains 8 cartons of a product with GTIN 8000270043228 and 30 cartons of a product with GTIN 4005500333623.

8. Example(s)

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001
CPS+1’	Highest level of hierarchy
PAC+4++201::9’	Consignment contains 4 ISO 1 pallets
CPS+2+1’	1. (Sandwich-) pallet of consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
MEA+PD+LAY+PCE:3’	and has 3 layers
PCI+33E’	
GIN+BJ+340055006337013062’	SSCC of the first pallet
PAC+49+:50+CT’	Pallet contains 49 marked cartons
CPS+3+2’	First pallet, first layer
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128841024’	SSCC of the first layer
PAC+3+:50+CT’	1. layer contains 3 cartons
LIN+1++4005500073437:SRV’	barcoded with GTIN 4005500073437
QTY+12:3’	3 (cartons) will be delivered

8. Example(s)

CPS+4+2’	First pallet, second layer
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128855892’	SSCC of the second layer
PAC+10+:50+CT’	2. layer contains 10 cartons
LIN+2++4005500073406:SRV’	barcoded with GTIN 4005500073406
QTY+12:10’	10 (cartons) will be delivered
CPS+5+2’	First pallet, third layer
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128841109’	SSCC of the third layer
PAC+36+:50+CT’	3. layer contains 36 cartons
LIN+3++4005500072409:SRV’	barcoded with GTIN 4005500072409
QTY+12:13’	13 (cartons) will be delivered
LIN+4++4005500073802:SRV’	and marked with GTIN 4005500073802
QTY+12:23’	23 (cartons) will be delivered
CPS+6+1’	2. pallet of the consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128841031’	SSCC of the second pallet
PAC+80+:50+CT’	Pallet contains 80 cartons
LIN+5++4005500072904:SRV’	barcoded with GTIN 4005500072904
QTY+12:80’	80 (cartons) will be delivered

8. Example(s)

CPS+7+1’	3. pallet of the consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128869400’	SSCC of the third pallet
PAC+44+:50+CT’	Pallet contains 44 cartons
LIN+6++4005500073109:SRV’	barcoded with GTIN 4005500073109
QTY+12:44’	44 (cartons) will be delivered
CPS+8+1’	4. (Sandwich-) pallet of consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
MEA+PD+LAY+PCE:3’	and has 3 layers
PCI+33E’	
GIN+BJ+340055000223707189’	SSCC of the fourth pallet
PAC+52+:50+CT’	Pallet contains 52 cartons
CPS+9+8’	Fourth pallet, first layer
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128841109’	SSCC of the first layer
PAC+4+:50+CT’	1. layer contains 4 cartons
LIN+7++4005500073451:SRV’	barcoded with GTIN 4005500073451
QTY+12:4’	4 (cartons) will be delivered
CPS+10+8’	Fourth pallet, second layer
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055005922028450’	SSCC of the second layer
PAC+10+:50+CT’	2. layer contains 10 cartons

8. Example(s)

LIN+8++4005500073406:SRV’	barcoded with GTIN 4005500073406
QTY+12:10’	10 (cartons) will be delivered
CPS+11+8’	Fourth pallet, third layer
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128855540’	SSCC of the third layer
PAC+38+:50+CT’	3. layer contains 38 cartons
LIN+9++8000270043228:SRV’	barcoded with GTIN 8000270043228
QTY+12:8’	8 (cartons) will be delivered
LIN+10++4005500333623:SRV’	and marked with GTIN 4005500333623
QTY+12:30’	30 (cartons) will be delivered
UNT+84+1’	End of message

One SSCC is assigned for every physical layer of a sandwich pallet.

8. Example(s)

Example 2:
DESADV with short delivery

The following is an example of a Despatch Advice message providing a description of a consignment of goods to be despatched by the supplier of the goods, identified by GLN 4005505000001. The buyer of the goods is identified by GLN 4300234000002 and the warehouse where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are a shipment of the goods purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007. The first line fulfils the ORDERS, the second line advices 44 of 80 ordered cartons, the ordered article (80 cartons) with GTIN 4005500073451 is out of stock and cannot be delivered.

The first pallet is homogenous and identified by SSCC 340055007128841031. It contains 80 cartons of GTIN 4005500072904.

The second pallet is homogenous but not complete and identified by SSCC 340055007128869400. It contains 44 cartons of GTIN 400550073109.

One CPS segment without SSCC is indicated for the out of stock article. The delivery quantity zero is significant and may be indicated explicitly.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001

8. Example(s)

CPS+1’	Highest level of hierarchy
PAC+2++201::9’	Consignment contains 2 ISO 1 pallets
CPS+2+1’	1. pallet of consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128841031’	SSCC of the first pallet
PAC+80+:50+CT’	Pallet contains 80 marked cartons
LIN+1++4005500072904:SRV’	barcoded with GTIN 4005500072904
QTY+12:80’	80 (cartons) will be delivered
CPS+3+1’	2. pallet of consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128869400’	SSCC of the second pallet
PAC+44+:50+CT’	2. Pallet contains 44 cartons
LIN+2++4005500731009:SRV’	barcoded with GTIN 4005500731009
QTY+12:44’	44 (cartons) will be delivered
QTY+21:80’	80 (cartons) have been ordered
QVR+-36:21+BP'	36 units are missing and will be delivered later
CPS+4+1’	Shortage
PAC+0’	Bilateral agreement necessary!
LIN+3++4005500073451:SRV’	GTIN 4005500073451
QTY+12:0’	0 (cartons) will be delivered
QTY+21:60’	60 (cartons) have been ordered
QVR+-60:21+CP'	60 units are missing and will not be delivered later.
UNT+34+1’	End of message

It is recommended to have a bilateral agreement for cases of non-delivery.

8. Example(s)

Example 3:
DESADV with substitute article

The following is an example of a Despatch Advice message providing a description of a consignment of goods to be despatched by the supplier of the goods, identified by GLN 4005505000001. The buyer of the goods is identified by GLN 4300234000002 and the warehouse where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are a shipment of the goods purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007. Buyer and supplier agreed the delivery of substitute articles.

As the article identified by GTIN 4005500072904 is not deliverable, the supplier advices the same quantity of a substitute article identified by GTIN 4005500073451. The consignment is made up of two homogeneous pallets marked with SSCC 340055007128841031 and 340055007128869400.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001
CPS+1’	Highest level of hierarchy
PAC+2++201::9’	Consignment contains 2 ISO 1 pallets
CPS+2+1’	1. pallet of the consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC

8. Example(s)

PCI+33E’	
GIN+BJ+340055007128841031’	SSCC of the first pallet
PAC+80++CT’	Pallet contains 80 cartons
LIN+1++4005500072904:SRV’	Ordered GTIN 4005500072904
PIA+3+4005500073451:SRV::9'	Substitute article with GTIN 4005500073451
QTY+12:80’	80 (cartons) will be delivered
CPS+3+1’	2. pallet of the consignment
PAC+1+:52+201::9’	is an ISO 1 pallet marked with SSCC
PCI+33E’	
GIN+BJ+340055007128869400’	SSCC of the second pallet
PAC+80++CT’	Pallet contains 80 cartons
LIN+2++4005500072904:SRV’	Ordered GTIN 4005500072904
PIA+3+4005500073451:SRV::9'	Substitute article with GTIN 4005500073451
QTY+12:80’	80 (cartons) will be delivered
UNT+28+1’	End of message

8. Example(s)

Example 4:
DESADV – delivery by parcel service

The following is an example of a Despatch Advice message providing a description of a consignment of goods to be despatched by the supplier of the goods, identified by GLN 4005505000001. The parcel is delivered by a parcel service provider identified by GLN 4022331000004. The buyer of the goods is identified by GLN 4300234000002 and the warehouse where the replacement part has to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The replacement part with GTIN 4005500072904 is shipped according to the buyer's purchase order number 4506102649. The consignment has to be delivered on the 07.01.2007.

The supplier marked the parcel with SSCC 340055007128841031. Additionally the parcel service marked the parcel with an internal identification 123376HKA16644.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001
NAD+FW+4022331000004::9’	GLN forwarder 4022331000004
CPS+1’	Highest level of hierarchy
PAC+1++CT::9’	Consignment contains 1 carton
PCI+33E’	
GIN+BJ+340055007128841031’	SSCC of the parcel

8. Example(s)

PCI+IEN+123376HKA16644'	Internal identification of the parcel by service provider
LIN+1++4005500072904:SRV’	GTIN 4005500072904
QTY+12:1’	1 article will be delivered
UNT+18+1’	End of message

8. Example(s)

Example 5:
DESADV for a display / mixed assortment

The following is an example of a Despatch Advice message providing a description of a consignment of goods to be despatched by the supplier of the goods, identified by GLN 4005505000001. The buyer of the goods is identified by GLN 4300234000002 and the outlet where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are within a mixed assortment display purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007.

The display is a promotional variant and consists of a carton placed on a pallet containing four kinds of chocolate. The SSCC is 340055007128841031.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001
CPS+1’	Highest level of hierarchy
PAC+1+:52+201::9’	Consignment contains 1 ISO 1 pallet
PCI+33E’	
GIN+BJ+340055007128841031’	SSCC of the consignment
PAC+1++CT::9’	1 carton is placed on the pallet

8. Example(s)

LIN+1++4005500072904:SRV’	GTIN 4005500072904
PIA+1+4005500072904:PV::9'	Article is a promotional variant
QTY+12:1’	1 article will be delivered
LIN+2++4005500141423:SRV::+1:1'	1. sub line = GTIN 4005500141423
IMD+C++CU::9'	is a consumer unit
IMD+A++:::Vollmilchschokolade 100g::DE'	article description
QTY+45E:50'	50 chocolade bars of this kind are in the display
LIN+3++4005500145389:SRV::+1:1'	2. sub line = GTIN 4005500145389
IMD+C++CU::9'	is a consumer unit
IMD+A++:::Haselnussschokolade 100g::DE'	article description
QTY+45E:50'	50 chocolade bars of this kind are in the display
LIN+4++4005500149137:SRV::+1:1'	3. sub line = GTIN 4005500149137
IMD+C++CU::9'	is a consumer unit
IMD+A++:::Mandelschokolade 100g::DE'	article description
QTY+45E:50'	50 chocolade bars of this kind are in the display
LIN+5++4005500143812:SRV::+1:1'	4. sub line = GTIN = GTIN 4005500143812
IMD+C++CU::9'	is a consumer unit
IMD+A++:::Müslischokolade 100g::DE'	article description
QTY+45E:50'	50 chocolade bars of this kind are in the display
UNT+34+1’	End of message

Note: The use of sub lines in DESADV is possible from a technical point of view, but unusual in practice.

8. Example(s)

Example 6:
DESADV with SSCC and GRAI

The following is an example of a Despatch Advice message providing a description of a consignment of goods to be despatched by the supplier of the goods, identified by GLN 4005505000001. The buyer of the goods is identified by GLN 4300234000002 and the outlet where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are a complete shipment of the goods purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007.

The DESADV describes a consignment made up of one pallet which is marked with a SSCC.

The pallet is identified by SSCC 340055006337013062. It contains three assets which are marked with Global Returnble Asset Identifier (GRAI). The first asset is identified by GRAI 430055007128841024 and contains 22 kilograms of porc filet with GTIN 400550073437. The second asset is identified by GRAI 430055007128855892 and contains 24 kilograms of rastbeef with GTIN 405500073406. The third asset is identified by GRAI 430055007128841109 and contains 18 kilograms of turkey filet with GTIN 4005500072409.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001

8. Example(s)

CPS+1’	Highest level of hierarchy
PAC+1+:52+201::9’	Consignment contains 1 ISO 1 pallet
PCI+33E’	
GIN+BJ+340055006337013062’	SSCC of the consignment
PAC+3++DL’	3 assets are placed on the pallet
CPS+2+1’	Level 1, No. 2
PAC+1++DL’	first asset
PCI+41G’	
GIN+RAG+430055007128841024’	GRAI of the first asset
LIN+1++4005500073437:SRV’	contains GTIN 4005500073437
QTY+12:22:KGM’	22 kilograms will be delivered
CPS+3+1’	Level 1, No. 3
PAC+1++DL’	second asset
PCI+41G’	
GIN+RAG+430055007128855892’	GRAI of the second asset
LIN+2++4005500073406:SRV’	contains GTIN 4005500073406
QTY+12:24:KGM’	24 kilograms will be delivered

8. Example(s)

CPS+4+1’	Level 1, No. 4
PAC+1++DL’	third asset
PCI+41G’	
GIN+RAG+430055007128841109’	GRAI of the third asset
LIN+3++4005500072409:SRV’	contains GTIN 4005500072409
QTY+12:18:KGM’	18 kilograms will be delivered
UNT+34+1’	End of message

8. Example(s)

Example 7:

DESADV for a big article on 3 pallets (Quantitiy = 2)

The following is an example of a Despatch Advice message providing a description of a consignment of two identical articles (GTIN = 4005500073406) to be despatched by the supplier of the goods, identified by GLN 4005505000001. Each article (training machine) is demounted and is transported on 3 pallets. The buyer of the goods is identified by GLN 4300234000002 and the warehouse where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are a complete shipment of the goods purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007.

To indicate that respectively 3 parts make one article, the GTIN is followed by an identification from the GS1 128 concept. The application identifier 8006 is followed by the 14 digit GTIN, digit 15 and 16 contain the sequence number of the component and digit 17 and 18 show the number of components.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20060103:102’	Document date 03.01.2007
DTM+2:20060107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001

8. Example(s)

CPS+1’	Highest level of hierarchy
PAC+6++201::9’	Consignment contains 6 ISO 1 pallets
CPS+2+1’	Level 1, No. 2
PAC+3++201::9’	Consignment part 1 contains 3 ISO 1 pallets
CPS+3+2’	level 2, No. 3
PAC+1+:52+201::9’	first pallet
PCI+33E’	barcoded with SSCC
RFF+PK:PL001’	packing list PL001
GIN+BJ+340055006337013062’	1.SSCC = 340055006337013062
LIN+1++4005500073406:SRV’	GTIN = 4005500073406
QTY+12:1’	one piece will be delivered
PCI+17+8006040055000734060103’	first of three units making one article
CPS+4+2’	Level 2, No. 4
PAC+1+:52+201::9’	second pallet
PCI+33E’	barcoded with SSCC
RFF+PK:PL001’	packing list PL001
GIN+BJ+340055007128841024’	2.SSCC = 340055007128841024
LIN+2++4005500073406:SRV’	GTIN = 4005500073406
QTY+12:1’	one piece will be delivered
PCI+17+8006040055000734060203’	second of three units making one article

8. Example(s)

CPS+5+2’	Level 2, No. 5
PAC+1+:52+201::9’	third pallet
PCI+33E’	barcoded with SSCC
RFF+PK:PL001’	packing list PL001
GIN+BJ+340055007128855892’	3.SSCC = 340055007128855892
LIN+3++4005500073406:SRV’	GTIN = 4005500073406
QTY+12:1’	one piece will be delivered
PCI+17+800604005500073406030 3’	third of three units making one article
CPS+6+1’	Level 1, No. 6
PAC+3++201::9’	Consignment part 2 contains 3 ISO 1 pallets
CPS+7+2’	level 2, No. 7
PAC+1+:52+201::9’	fourth pallet
PCI+33E’	barcoded with SSCC
RFF+PK:PL002’	packing list PL002
GIN+BJ+340066006337013062’	4.SSCC = 340066006337013062
LIN+4++4005500073406:SRV’	GTIN = 4005500073406
QTY+12:1’	one piece will be delivered
PCI+17+800604005500073406010 3’	first of three units making one article
CPS+8+2’	level 2, No. 8
PAC+1+:52+201::9’	fifth pallet
PCI+33E’	barcoded with SSCC
RFF+PK:PL002’	packing list PL002
GIN+BJ+340066007128841024’	5.SSCC = 340066007128841024
LIN+5++4005500073406:SRV’	GTN = 4005500073406
QTY+12:1’	one piece will be delivered

8. Example(s)

PCI+17+800604005500073406020 3’	second of three units making one article
CPS+9+2’	level 2, No. 9
PAC+1+:52+201::9’	sixth pallet
PCI+33E’	barcoded with SSCC
RFF+PK:PL002’	packing list PL002
GIN+BJ+340066007128855892’	6.SSCC = 340066007128855892
LIN+6++4005500073406:SRV’	GTIN = 4005500073406
QTY+12:1’	one piece will be delivered
PCI+17+800604005500073406030 3’	third of three units making one article
UNT+64+1’	End of message

8. Example(s)

Example 8:

DESADV for products of variable quantity

The following is an example of a Despatch Advice message providing a description of a consignment to be despatched by the supplier of the goods, identified by GLN 4005505000001. The buyer of the goods is identified by GLN 4300234000002 and the outlet where the goods are to be delivered is identified by GLN 4306545000007.

The Despatch Advice, reference number 3387 is sent on the 03.01.2007. The goods to be despatched are a complete shipment of the goods purchased according to the buyer's purchase order number 4506102649. They are to be delivered on the 07.01.2007.

The DESADV refers to a consignment containing of one pallet identified by SSCC. 24 entire Gouda cheeses have been ordered (GTIN 4005500073437).

In DESADV the ordered quantity is shown as delivered quantity (24 pieces). Additionally the weight is indicated, which will be the invoiced quantity in the following INVOIC.

UNH+1+DESADV:D:01B:UN:EAN007’	Beginn of message
BGM+351+3387+9’	Despatch advice No. 3387
DTM+137:20070103:102’	Document date 03.01.2007
DTM+17:20070107:102’	Delivery date, estimated 07.01.2007
RFF+DQ:80683239’	Delivery note No. 80683239
RFF+ON:4506102649’	Buyers order No. 4506102649
NAD+BY+4300234000002::9’	GLN buyer 4300234000002
NAD+DP+4306545000007::9’	GLN delivery party 4306545000007
NAD+SU+4005505000001::9’	GLN supplier 4005505000001
CPS+1’	Highest level of hierarchy
PAC+1+:52+201::9’	Consignment contains 1 ISO 1 pallet
PCI+33E’	
GIN+BJ+340055006337013062’	SSCC of the consignment

8. Example(s)

LIN+1++4005500073437:SRV’	GTIN 4005500073437
MEA+ABW+AAL:::+KGM:248.8'	the net weight of the line ist 248.8 kg.
QTY+12:24’	24 pieces will be delivered
PCI+39E’	marked with
DTM+361:20070215:102'	best before date 15.02.2007
PCI+36E’	and marked with
GIN+BX+987654'	batch number 987654
UNT+21+1	End of message

8. Example(s)

UNH+ME000001+DESADV:D:01B:UN:EAN007'
The reference number of the DESADV message is ME000001.

BGM+351::9+87441+9'
The document number is 87441.

DTM+137:20030503:102'
The message was created on 03.05.2003

DTM+11:20031214:102'
The despatch date is 14.12.2003.

DTM+17:20031215:102'
The estimated delivery date is 15.12.2003.

RFF+ON:4711'
The message references to buyers order number 4711.

RFF+VN:4712'
The message references to suppliers order number 4712.

RFF+DQ:4714'
The message references to delivery note number 4714.

NAD+BY+4071615111110::9'
The buyer/invoicee is identified by GLN 4071615111110.

RFF+YC1:0815'
The additional identification is 0815.

CTA+PD+AG-TI406:Herr Schmidt'
Purchasing contact person is Mr. Schmidt

NAD+DP+4089876511118::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Industriestr.13+Köln++50825+DE'
The receipient is identified by GLN 4089876511118.

RFF+YC1:0816'
The additional identification is 0816.

CTA+PD+Claus Früh'
Contact person is Claus Früh.

NAD+UC+4089876986411::9++Endempfänger-Name 1:Endempfänger-Name 2:Endempfänger-Name 3+Maarweg 104+Köln++50825+DE'
The ultimate consignee is identified by GLN 4089876986411.

RFF+YC1:0816'
The additional identification is 0816.

NAD+SU+4389876511113::9+X:X:X:X:X'
The supplier is identified by GLN 4389876511113.

RFF+GN:HRB-471111'
German statements on business letters: HRB-471111

8. Example(s)

RFF+YC1:0817'
The additional identification is 0817.

NAD+SF+4012345000009::9'
The ship from place is identified by Global Location Number (GLN) 4012345000009.

CPS+1'
Sequence number one.

PAC+10+:52+201::9'
10 Pallets ISO 1 - 1/1 EURO Pallet

MEA+PD+AAD+KGM:10'
The gross weight is 5 kg.

CPS+2+1'
Sequence number two.

PAC+1+:52+201::9'
This consignment line contains 1 EURO pallet.

PCI+33E'
Package identification

GIN+BJ+340123450000000014'
The SSCC is 340123450000000014

CPS+3+2'
Sequence number three.

PAC+1+:52+201::9'
This consignment line contains 1 EURO pallet.

MEA+PD+AAD+KGM:10'
The gross weight is 5 kg.

LIN+1++4056786542381:SRV'
The despatched product is identified by GTIN 4056786542381.

PIA+1+7788:SA::91'
The product with GTIN 4056786542381 is additionally identified with suppliers article number 7788.

PIA+1+1234:IN::92'
The product with GTIN 4056786542381 is additionally identified with buyers article number 1234.

PIA+1+CH-X4711:NB::91'
The batch number of the product is CH-X4711.

PIA+1+CH-X4711:SN::91'
The serial number of the product is SE-X4711.

QTY+12:5'
The quantity is 5 pieces.

8. Example(s)

QTY+192:1'
1 piece without invoicing.

QTY+21:9'
The ordered quantity is 9 pieces.

RFF+ON:4811:7'
The despatch advide refers to line 7 of buyers order number 4811.

RFF+SS:4711'
The despatch advice line is based on sellers reference no. 4711.

QVR+-4:21+BP'
The quantity difference is 4 units.

CNT+2:3'

UNT+154+ME000001'
Number of segments in the message.