GS1 Germany
EDI Recommendation

for the textile sectors
CFB-Connecting Fashion Business
V2.1
Sales data report
(SLSRPT)

based on
EANCOM® 2002 S3

1. Introduction

Preamble

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

The basis of this elaboration is the international standard EANCOM® 2002. The message type SLSRPT 006 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 recommeded 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:

UNH	Segment TAG
M 1	Occurence
00001	

M = Mandatory Segment
C = Conditional Segment

Sequential number of the segment in the message
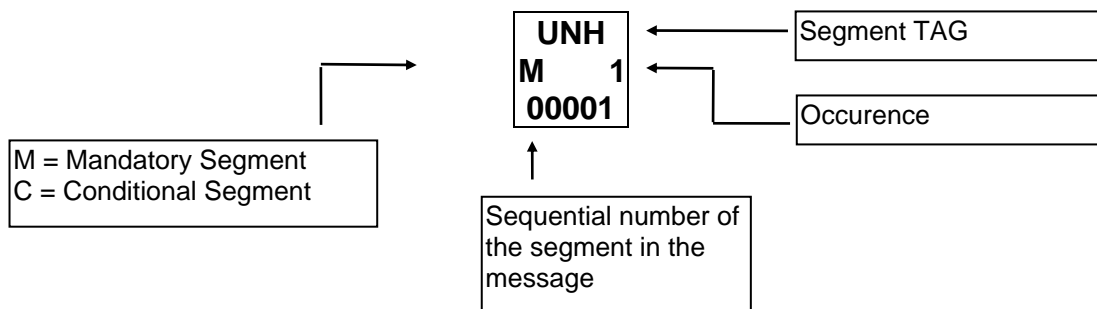
Business Term			EANCOM-Mapping		
Name	**Format**	**Status**	**DEG**	**DE**	**Description**

Data element

Data element group

a	alphabetic character
n	numeric character
an	alphanumeric character
a3	3 alphabetic characters, fixed length
n3	3 numeric characters, fixed length
an3	3 alphanumeric characters, fixed length
a..3	up to 3 alphabetic characters
n..3	up to 3 numeric characters
an..3	up to 3 alphanumerc characters

C	=	Conditional
M	=	Mandatory
R	=	Required
D	=	Depending
O	=	Optional
A	=	Recommended
N	=	Not used

1. Introduction

Message structure

Heading section
Specification of message sender and receiver as well as reporting period.

Detail section
Specification of locations (GLN) and GTIN to identify goods. Specification of quantities is mandatory, amounts conditional.

Summary section
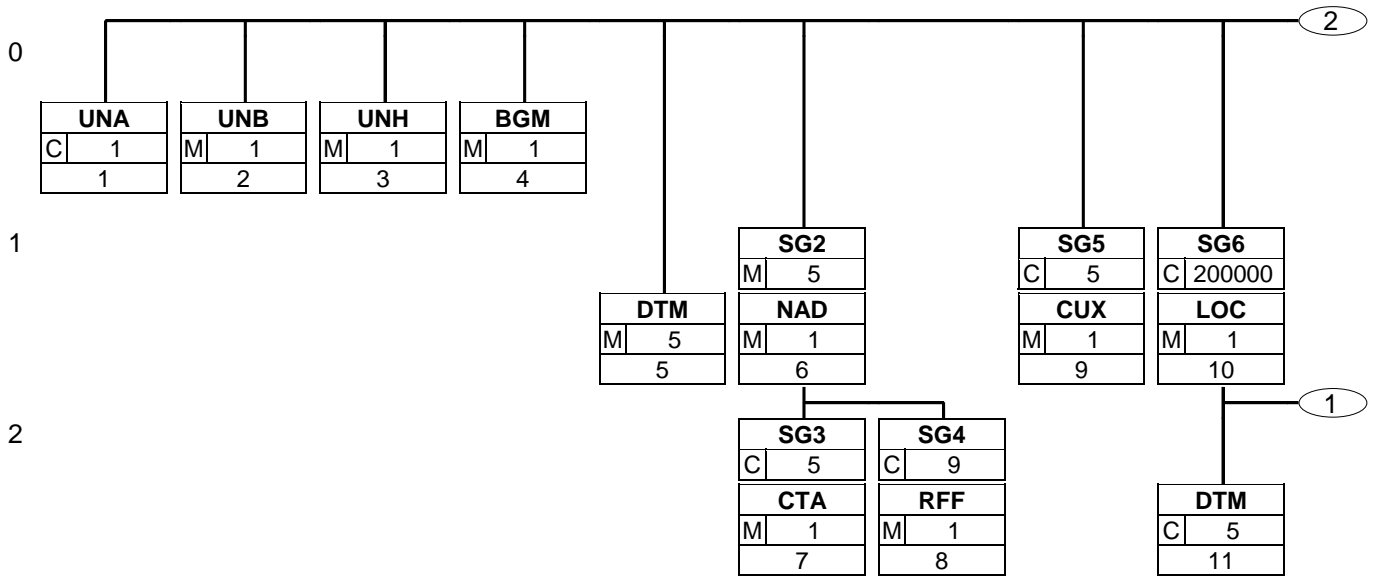The summary section contains no data and has syntactical reasons.

2. Business Terms

Term	No.	Segment	SG	DEG	DE
		EANCOM-Segment		**Data element**	
Acknowledgement request	2	UNB			0031
Address for reverse routing	2	UNB		S002	0008
Application reference	2	UNB			0026
Character set	2	UNB		S001	0001
Component data element separator	1	UNA			UNA1
Contact person at corpoate office	12	CTA	SG2#5\SG3#1	C056	3412
Creation date	5	DTM		C507	2380
Currency	14	CUX	SG5#1	C504	6345
Data element separator	1	UNA			UNA2
Decimal notation	1	UNA			UNA3
Document Number	4	BGM		C106	1004
EANCOM	2	UNB			0032
End of the transmission file, Number of messages or message groups	24	UNZ			0036
File creation date	2	UNB		S004	0017
File creation time	2	UNB		S004	0019
GTIN Article identification	17	LIN	SG6#1\SG8#1	C212	7140
Identification of buyer/message sender	10	NAD	SG2#2	C082	3039
Identification of location of sale	15	LOC	SG6#1	C517	3225
Indentification of the receiver of the transmission file	2	UNB		S003	0010
Indentification of the sender of the transmission file	2	UNB		S002	0004
Interchange control reference, beginnig	2	UNB			0020
Interchange control reference, end	24	UNZ			0020
Internal customer number of corporate office	13	RFF	SG2#5\SG4#1	C506	1154
Line amount	18	MOA	SG6#1\SG8#1	C516	5004
Line item number	17	LIN	SG6#1\SG8#1		1082
Message reference number	3	UNH			0062
Number of segments within the message	23	UNT			0074
Password interchange	2	UNB		S005	0022
Process variant, coded	4	BGM		C002	1000
Quantity returned by consumer	21	QTY	SG6#1\SG8#1\SG10#2	C186	6060
Rate of exchange	14	CUX	SG5#1		5402
Release character	1	UNA			UNA4
Reporting period	8	DTM		C507	2380
Reporting period, end	7	DTM		C507	2380
Reporting period, start	6	DTM		C507	2380
Reserved for future use	1	UNA			UNA5
Retail price	19	PRI	SG6#1\SG8#1\SG9#2	C509	5118
Routing address	2	UNB		S003	0014
Sales period outlet	16	DTM	SG6#1	C507	2380
Segment terminator	1	UNA			UNA6
Sold quantity	20	QTY	SG6#1\SG8#1\SG10#1	C186	6060
Statements on business letters	11	RFF	SG2#2\SG4#1	C506	1154
Supplier/message receiver identification	9	NAD	SG2#1	C082	3039
Syntax version	2	UNB		S001	0002
Test indicator	2	UNB			0035

3. Message Structure Chart

UNA	1	C	1	- Used character set
UNB	2	M	1	- Beginning of transmission file

Heading section

UNH	3	M	1	- Beginning of message
BGM	4	M	1	- Document number
DTM	5	M	5	- Creation date
DTM	6	M	5	- Reporting period, start
DTM	7	M	5	- Reporting period, end
DTM	8	M	5	- Reporting period, textile
SG2		M	5	- NAD
NAD	9	M	1	- Identification of supplier/receiver
SG2		M	5	- NAD-SG4
NAD	10	M	1	- Identification of buyer/sender
SG4		C	9	- RFF
RFF	11	M	1	- Statements on business letters
SG5		C	5	- CUX
CUX	12	M	1	- Currency

Detail section

SG6		C	200000	- LOC-DTM-SG8
LOC	13	M	1	- Identification of location of sale
DTM	14	C	5	- Sales period outlet
SG8		C	200000	- LIN-MOA-SG9-SG10-SG10
LIN	15	M	1	- GTIN- Article identification
MOA	16	C	5	- Monetary amount line level, textile
SG9		C	999	- PRI
PRI	17	M	1	- Retail price
SG10		C	999	- QTY
QTY	18	M	1	- Sold quantity
SG10		C	999	- QTY
QTY	19	M	1	- Returned by consumer

Summary section

UNS	20	M	1	- Section control
UNT	21	M	1	- End of message
UNZ	22	M	1	- End of the transmission file

4. Branching Diagram

```
0 ─────┬──────────┬──────────┬──────────┬──────────┬──────────────────┬──────────────┬────( 2 )
       │          │          │          │          │                  │              │
    ┌──────┐  ┌──────┐  ┌──────┐  ┌──────┐          │                  │              │
    │ UNA  │  │ UNB  │  │ UNH  │  │ BGM  │          │                  │              │
    │C   1 │  │M   1 │  │M   1 │  │M   1 │          │                  │              │
    │  1   │  │  2   │  │  3   │  │  4   │          │                  │              │
    └──────┘  └──────┘  └──────┘  └──────┘          │                  │              │

1                                                   │              ┌──────┐      ┌────────┐
                                                    │              │ SG2  │      │ SG5  │  │  SG6   │
                                                    │              │M   5 │      │C   5 │  │C 200000│
                                              ┌──────┐          ┌──────┐      ┌──────┐  ┌────────┐
                                              │ DTM  │          │ NAD  │      │ CUX  │  │  LOC   │
                                              │M   5 │          │M   1 │      │M   1 │  │M   1   │
                                              │  5   │          │  6   │      │  9   │  │  10    │
                                              └──────┘          └──────┘      └──────┘  └────────┘
                                                              ┌────┴────┐                   │
2                                                             │         │               ───┴───( 1 )
                                                          ┌──────┐  ┌──────┐                │
                                                          │ SG3  │  │ SG4  │                │
                                                          │C   5 │  │C   9 │                │
                                                          ┌──────┐  ┌──────┐            ┌──────┐
                                                          │ CTA  │  │ RFF  │            │ DTM  │
                                                          │M   1 │  │M   1 │            │C   5 │
                                                          │  7   │  │  8   │            │  11  │
                                                          └──────┘  └──────┘            └──────┘
```

4. Branching Diagram

```
1
2        ┌──────────┐
         │   SG8    │
         │C  200000 │
         ├──────────┤
         │   LIN    │
         │M    1    │
         ├──────────┤
         │   12     │
         └──────────┘
              │
     ┌────────┼─────────────┐
3    │   ┌─────────┐  ┌─────────┐
     │   │   SG9   │  │  SG10   │
     │   │C   999  │  │C   999  │
┌─────────┐├─────────┤├─────────┤
│   MOA   ││   PRI   ││   QTY   │
│C    5   ││M    1   ││M    1   │
├─────────┤├─────────┤├─────────┤
│   13    ││   14    ││   15    │
└─────────┘└─────────┘└─────────┘
```

4. Branching Diagram

```
        ⊂2⊃──────────┬──────────────┬──────────────┐
  0                  │              │              │
              ┌──────────┐   ┌──────────┐   ┌──────────┐
              │   UNS    │   │   UNT    │   │   UNZ    │
              │ M │   1  │   │ M │   1  │   │ M │   1  │
              │     16   │   │     17   │   │     18   │
              └──────────┘   └──────────┘   └──────────┘
```
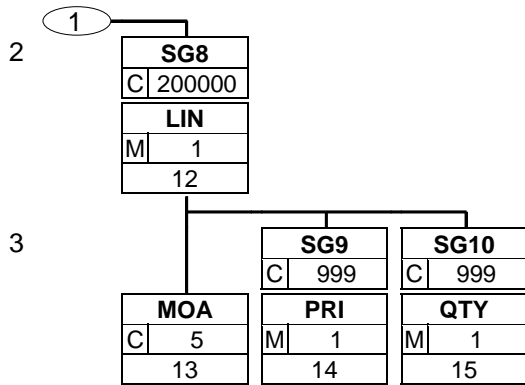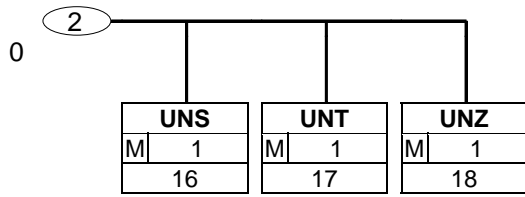
5. Segments Description

UNA - C 1	- **Used character set**

The use of the UNA segment is mandatory, if character set "A" (UNB,DE0001) is not used.

UNB - M 1   - **Beginning of transmission file**

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange.

Heading section

UNH - M 1   - **Beginning of message**

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

BGM - M 1   - **Document number**

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

DTM - M 5   - **Creation date**

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

DTM - M 5   - **Reporting period, start**

DTM segment is used to specify date, and/or time, or period.

DTM - M 5   - **Reporting period, end**

DTM segment is used to specify date, and/or time, or period.

DTM - M 5   - **Reporting period, textile**

DTM segment is used to specify date, and/or time, or period.
This segment can be used alternatively (!) to the 2 previous segments.

SG2 - M 5   - **NAD**

NAD - M 1   - **Identification of supplier/receiver**

The supplier/message receiver is identified by GLN.

SG2 - M 5   - **NAD-SG4**

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

The buyer/message sender is identified by GLN.

SG4 - C 9   - **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.

SG5 - C 5   - **CUX**

CUX - M 1   - **Currency**

When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.

Detail section

SG6 - C 200000   - **LOC-DTM-SG8**

LOC - M 1   - **Identification of location of sale**

The LOC segment triggers the detail section of the message. Segment group 6 is repeated for every location where sales are reported.
The outlet for which sales data are reported is identified by GLN.

5. Segments Description

DTM - C 5   - **Sales period outlet**

The segment is used to provide a date or period when goods have been sold, which are identified in the following LIN group (segment group 8). The DTM segment can be used to specify the weekly sales in a monthly report.
This segment is not necessary if the date or period is identical with the specification at header level.

SG8 - C 200000   - **LIN-MOA-SG9-SG10-SG10**

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

In this segment the GTIN is indicated as item identification.

MOA - C 5   - **Monetary amount line level, textile**

To indicate the retail value of the current article within the specified period code value 402 is used for DE 5025 and AAE is used for DE 5125 of the following PRI segment.

SG9 - C 999   - **PRI**

PRI - M 1   - **Retail price**

This segment is used to provide the price by which the current article was sold.

SG10 - C 999   - **QTY**

QTY - M 1   - **Sold quantity**

The QTY segment is used to specify the sold quantity for the current item, which was identified in the LIN segment.

SG10 - C 999   - **QTY**

QTY - M 1   - **Returned by consumer**

The QTY segment is used to specify the quantity by the consumer for the current item, which was identified in the LIN segment.

Summary section

UNS - M 1   - **Section control**

This segment is used to identify the break between the message detail and message trailer sections.

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

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

UNZ - M 1   - **End of the transmission file**

The UNZ segment is the last segment of the transmission file.

6. Segments Layout

Segment number: 1

UNA	- C	1 - Service string advice

Description:

To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.

Business Term	DE	EDIFACT	EAN	*	GER	Description
Component data element separator	UNA1	M an1	**M**			Default value: ":"
Data element separator	UNA2	M an1	**M**			Default value: "+"
Decimal notation	UNA3	M an1	**M**			Default value: "."
Release character	UNA4	M an1	**M**			Default value: "?"
Reserved for future use	UNA5	M an1	**M**			(Default value: space)
Segment terminator	UNA6	M an1	**M**			Default value: " ' "

Segment notes:

The use of the UNA segment is mandatory, if character set "A" (UNB,DE0001) is not used.
For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of
UNOC is reasonable because it contains lower case letters and umlauts.

Example: UNA:+.? '
            The UNA segment contains the default service string characters.

6. Segments Layout

Segment number: 2

UNB	- M	1 - Interchange header

Description:

To start, identify and specify an interchange.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	S001	M	M			
Character set	0001	M a4	M			UNOA = UN/ECE level A UNOB = UN/ECE level B UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F
Syntax version	0002	M n1	M			3 = Version 3
	S002	M	M			
Indentification of the sender of the transmission file	0004	M an..35	M			= Global Location Number (GLN)
	0007	C an..4	R			14 = GS1
Address for reverse routing	0008	C an..14	O			See note
	S003	M	M			
Indentification of the receiver of the transmission file	0010	M an..35	M			= Global Location Number (GLN)
	0007	C an..4	R			14 = GS1
Routing address	0014	C an..14	O			See note
	S004	M	M			
File creation date	0017	M n6	M			= Dateformat JJMMTT
File creation time	0019	M n4	M			= Timeformat HHMM
Interchange control reference, beginnig	0020	M an..14	M			= Unique senders reference
	S005	C	O			
Password interchange	0022	M an..14	M			
	0025	C an2	O			AA = Reference BB = Password
Application reference	0026	C an..14	O			Message type if the transmission fole contains only one message type
	0029	C a1	O			A = Highest priority
Acknowledgement request	0031	C n1	O			
EANCOM	0032	C an..35	O		R	= EANCOM... EDIFACT subset identification (see note)
Test indicator	0035	C n1	O			1 = Interchange is a test

Segment notes:

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange.
For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of UNOC is reasonable because it contains lower case letters and umlauts.

Note DE 0008:

6. Segments Layout

Segment number: 2

The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's (source) system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

Note DE 0014:

The routing adress is used to identify the receiver, if a provider adds service values for the actual receiver (e.g. consolidated companies, corporate group). The use of the identification system (e.g. GLN) has to be agreed bilaterally.

Note DE 0020:

This data element must contain a consistent sequential number per interchange between sender and receiver of the transmission.

Note DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM , the identity of such agreements must start with the letters 'EANCOM', the remaining characters within the data element being filled according to bilateral agreements.

Example:

      UNB+UNOC:3+4012345000009:14:4012345000018+4000004000002:14:4000004000099+101013:10

      43+4711+REF:AA++++EANCOM+1'

      The EANCOM file 4711 dated 13.10.2010, 10 h 43 is sent by the issuer identified with GLN
      4012345000009 to the receiver identified with GLN 4000004000002.

6. Segments Layout

Heading section

Segment number: 3

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**	*****		SLSRPT = Sales data report 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. The Association assigned code was increased by 1 because the UNS segment was added.						
Example: UNH+ME000001+SLSRPT:D:01B:UN:EAN007' The reference number of the SLSRPT message is ME000001.						

6. Segments Layout

Heading section

Segment number: 4

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	*		73E = Sales data report (GS1 Code)
	1131	C an..17	N			
	3055	C an..3	R	*		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	*		1 = Cancellation 2 = Addition 5 = Replace 6 = Confirmation 9 = Original 31 = Copy In the textile sector only code value 1 or 9 are used.

Segment notes:
Segmentstatus: Mandatory
This segment is used to indicate the type and function of a message and to transmit the identifying number. The use of DE 1000 must be mutually agreed between the data exchanging parties.
Example: BGM+73E::9:X+87441+9'   The document number is 87441.

6. Segments Layout

Heading section

Segment number: 5

DTM		- M	5 -	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+137:20031001:102'   The message was created on 01.10.2003

6. Segments Layout

Heading section

Segment number: 6

DTM	- M	5 -	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**	*		90 = Report start date
Reporting period, start	2380	C an..35	**R**			
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 615 = YYWW

Segment notes:
Segmentstatus: Conditional
DTM segment is used to specify date, and/or time, or period.
Example: DTM+90:20031201:102'   01.12.2003 is the start date of the reporting period.

6. Segments Layout

Heading section

Segment number: 7

DTM	- M	5 -	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**	*		91 = Report end date
Reporting period, end	2380	C an..35	**R**			
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 615 = YYWW

Segment notes:

Segmentstatus: Conditional

DTM segment is used to specify date, and/or time, or period.

Example:　DTM+91:20031204:102'
　　　　　　04.12.2003 is the end date of the reporting period.

6. Segments Layout

Heading section

Segment number: 8

DTM	- M	5 -	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**	*		356 =	Sales date, and or time, and or period
Reporting period	2380	C an..35	**R**				
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.	
Segment notes: Segmentstatus: Conditional DTM segment is used to specify date, and/or time, or period. This segment can be used alternatively (!) to the 2 previous segments. Example: DTM+356:2003080120030830:718' The reporting period is 01.08.2003 to 30.08.2003.							

6. Segments Layout

Heading section

Segment number: 9

SG2	- M	5 -	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**			SU = Supplier
	C082	C	**A**			
Supplier/message receiver identification	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 supplier/message receiver is identified by GLN.
Example: NAD+SU+4089876511111::9'
The supplier is identified by GLN 4089876511111.

6. Segments Layout

Heading section

Segment number: 10

SG2	- M	5 - NAD-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/ message sender	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:

The buyer/message sender is identified by GLN.
Segmentstatus: Mandatory

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

6. Segments Layout

Heading section

Segment number: 11

SG2	- M	5 -	NAD-SG4
SG4	- C	9 -	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: 12

SG2	- M	5 -	NAD-SG3-SG4
SG3	- C	5 -	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**			
	3413	C an..17	**O**			
Contact person at corpoate office	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. The GLN is particulary suitable for that purpose.

Example: CTA+PD+:R.Waldorf'
               Purchasing contact person is Mr. Waldorf.

6. Segments Layout

Heading section

Segment number: 13

SG2	- M	5 - NAD-SG3-SG4
SG4	- C	9 - 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**			IT = Internal customer number
Internal customer number of corporate office	1154	C an..70	**R**			

Segment notes:

Segmentstatus: Conditional

The RFF segment following the NAD segment can specify the customer number of suppliers system.

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+IT:1515-234-4'
            The internal customer number of the sender is 1515-234-4 in the receivers system.

6. Segments Layout

Heading section

Segment number: 14

SG5	- C	5 - CUX
CUX	- M	1 - Currencies

Description:
To specify currencies used in the transaction and relevant details for the rate of exchange.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C504	C	R			
	6347	M an..3	M	*		2 = Reference currency
Currency	6345	C an..3	R			ISO 4217 three alpha EUR = Euro
	6343	C an..3	R			11 = Payment currency
	C504	C	D			
	6347	M an..3	M	*		3 = Target currency
	6345	C an..3	R			ISO 4217 three alpha
	6343	C an..3	R			11 = Payment currency
	6348	C n..4	O			
Rate of exchange	5402	C n..12	D			

Segment notes:
Segmentstatus: Depending, must only be used if prices or amounts are content of the message.
When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.
Example:　CUX+2:EUR:11+3:USD:11+0.90243' 　　　　　　The basic currency is EURO.

6. Segments Layout

Detail section

Segment number: 15

SG6	- C	200000 -	LOC-DTM-SG8
LOC	- M	1 -	Place/location identification

Description:

To identify a place or a location and/or related locations.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	3227	M an..3	**M**			162 = Place or location of sale
	C517	C	**A**			
Identification of location of sale	3225	C an..25	**A**			Global Location Number (GLN)- Format n13
	1131	C an..17	**O**			
	3055	C an..3	**D**			9 = GS1

Segment notes:

Segmentstatus: Mandatory

The LOC segment triggers the detail section of the message. Segment group 6 is repeated for every location where sales are reported.

The outlet for which sales data are reported is identified by GLN.

Example: LOC+162+5099104000221::9'
            The outlet is identified by GLN 5099104000221.

6. Segments Layout

Detail section

Segment number: 16

SG6	- C	200000 -	LOC-DTM-SG8
DTM	- C	5 -	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**	*		356 = Sales date, and or time, and or period
Sales period outlet	2380	C an..35	**R**			
	2379	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.

Segment notes:

Segmentstatus: Conditional

The segment is used to provide a date or period when goods have been sold, which are identified in the following LIN group (segment group 8). The DTM segment can be used to specify the weekly sales in a monthly report. This segment is not necessary if the date or period is identical with the specification at header level.

Example: DTM+356:20030601:102'
                    The date of sale is 01.06.2003.

6. Segments Layout

Detail section

Segment number: 17

SG6	- C	200000 -	LOC-DTM-SG8
SG8	- C	200000 -	LIN-PIA-RFF-ALI-MOA-SG9-SG10
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:

Segmentstatus: Mandatory

In this segment the GTIN is indicated as item identification.

Example: LIN+1++4056786542381:SRV'
           The product for that sales are being reported is identified by GTIN 4056786542381.

6. Segments Layout

Detail section

Segment number: 18

SG6	- C	200000 -	LOC-DTM-SG8
SG8	- C	200000 -	LIN-PIA-RFF-ALI-MOA-SG9-SG10
MOA	- C	5 -	Monetary amount

Description:
To specify a monetary amount.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C516	M	**M**			
	5025	M an..3	**M**			203 = Line item amount
Line amount	5004	C n..35	**R**			

Segment notes:
Segmentstatus: Conditional
To indicate the retail value of the current article within the specified period code value 402 is used for DE 5025 and AAE is used for DE 5125 of the following PRI segment.
Example: MOA+203:134.5'   The line amount is 134,50.

6. Segments Layout

Detail section

Segment number: 19

SG6	- C	200000	-	LOC-DTM-SG8
SG8	- C	200000	-	LIN-PIA-RFF-ALI-MOA-SG9-SG10
SG9	- C	999	-	PRI
PRI	- M	1	-	Price details

Description:

To specify price information.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C509	C	**R**			
	5125	M an..3	**M**			1E = Calculation net - including taxes (GS1 Code)
Retail price	5118	C n..15	**R**			
	5375	C an..3	**O**			
	5387	C an..3	**O**			RTP = Retail price Retail price DAP = Dealer adjusted price Price including individual discount DPR = Discount price Price including a staff discount PRP = Promotional price Price with miscellaneous discount

Segment notes:

Segmentstatus: Conditional

This segment is used to provide the price by which the current article was sold.

Example: PRI+1E:12.45::RTP'
            The retail price is 12,45.

6. Segments Layout

Detail section

Segment number: 20

SG6	- C	200000 -	LOC-DTM-SG8
SG8	- C	200000 -	LIN-PIA-RFF-ALI-MOA-SG9-SG10
SG10	- C	999 -	QTY-NAD
QTY	- M	1 -	Quantity

Description:

To specify a pertinent quantity.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C186	M	**M**			
	6063	M an..3	**M**	*		153 = Statistical sales quantity
Sold quantity	6060	M an..35	**M**			Use only numeric values.
	6411	C an..3	**D**			KGM = kilogram KWT = kilowatt For more code see EANCOM codeslist.

Segment notes:

Segmentstatus: Mandatory

The QTY segment is used to specify the sold quantity for the current item, which was identified in the LIN segment.

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

Example: QTY+153:24'
          The current sold quantity is 24.

6. Segments Layout

Detail section

Segment number: 21

SG6	- C	200000 -	LOC-DTM-SG8
SG8	- C	200000 -	LIN-PIA-RFF-ALI-MOA-SG9-SG10
SG10	- C	999 -	QTY
QTY	- M	1 -	Quantity

Description:

To specify a pertinent quantity.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	C186	M	**M**			
	6063	M an..3	**M**	*		210 = Returned by consumer quantity
Quantity returned by consumer	6060	M an..35	**M**			Use only numeric values.
	6411	C an..3	**D**			KGM = kilogram KWT = kilowatt For more code see EANCOM codeslist.

Segment notes:

Segmentstatus: Mandatory

The QTY segment is used to specify the quantity by the consumer for the current item, which was identified in the LIN segment.

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

Example: QTY+210:2'
        The quantity returned by the consumer is 2.

6. Segments Layout

End of message

Segment number: 22

UNS	- M	1 - Section control

Description:

To separate header, detail and summary sections of a message.

Notes:
1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.

Business Term	DE	EDIFACT	EAN	*	GER	Description
	0081	M a1	**M**			S = Detail/summary section separation

Segment notes:

Segmentstatus: Mandatory

This segment is used to identify the break between the message detail and message trailer sections.

Example: UNS+S'
            Separation of detail- and summary section

6. Segments Layout

End of message

Segment number: 23

UNT	- M	1 - Message trailer				
Description:						
To end and check the completeness of a message.						
Business Term	**DE**	**EDIFACT**	**EAN**	*****	**GER**	**Description**
Number of segments within the message	0074	M n..6	**M**			
	0062	M an..14	**M**			The message reference numbered detailed here must equal the one specified in DE 0062 of the UNH segment.
Segment notes:						
Segmentstatus: Mandatory This segment is mandatory in UN/EDIFACT. It must always be the last segment in the message. Example: UNT+35+ME000001' The message contains 35 segments						

6. Segments Layout

Segment number: 24

UNZ	- M	1 -	Interchange trailer

Description:
To end and check the completeness of an interchange.

Business Term	DE	EDIFACT	EAN	*	GER	Description
End of the transmission file, Number of messages or message groups	0036	M n..6	**M**			Number of messages or message groups in the transmission file.
Interchange control reference, end	0020	M an..14	**M**			Interchange control reference, identical with UNB DE 0020.

Segment notes:
The UNZ segment is the last segment of the transmission file.
Note DE 0036:
If functional groups are not used, this is the number of messages within the interchange.
Example: UNZ+1+4711'   The transmission file contains 1 message.

7. EANCOM® Segments Layout

Segment number: 1

UNA	- C	1 -	Service string advice				
Description:							
To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.							
			EDIFACT	EAN	*	GER	Description:
UNA1	Component data element separator		M an1	**M**			**Component data element separator** Default value: ":"
UNA2	Data element separator		M an1	**M**			**Data element separator** Default value: "+"
UNA3	Decimal notation		M an1	**M**			**Decimal notation** Default value: "."
UNA4	Release indicator		M an1	**M**			**Release character** Default value: "?"
UNA5	Reserved for future use		M an1	**M**			**Reserved for future use** (Default value: space)
UNA6	Segment terminator		M an1	**M**			**Segment terminator** Default value: " ' "
Segment notes:							
The use of the UNA segment is mandatory, if character set "A" (UNB,DE0001) is not used. For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of UNOC is reasonable because it contains lower case letters and umlauts.							
Example: UNA:+.? ' The UNA segment contains the default service string characters.							

7. EANCOM® Segments Layout

Segment number: 2

UNB	- M	1 - Interchange header

Description:
To start, identify and specify an interchange.

		EDIFACT	EAN	*	GER	Description:
S001	SYNTAX IDENTIFIER	M	**M**			
0001	Syntax identifier	M a4	**M**			**Character set** UNOA = UN/ECE level A UNOB = UN/ECE level B UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F
0002	Syntax version number	M n1	**M**			**Syntax version** 3 = Version 3
S002	INTERCHANGE SENDER	M	**M**			
0004	Sender identification	M an..35	**M**			**Indentification of the sender of the transmission file** = Global Location Number (GLN)
0007	Partner identification code qualifier	C an..4	**R**			14 = GS1
0008	Address for reverse routing	C an..14	**O**			**Address for reverse routing** See note
S003	INTERCHANGE RECIPIENT	M	**M**			
0010	Recipient identification	M an..35	**M**			**Indentification of the receiver of the transmission file** = Global Location Number (GLN)
0007	Partner identification code qualifier	C an..4	**R**			14 = GS1
0014	Routing address	C an..14	**O**			**Routing address** See note
S004	DATE/TIME OF PREPARATION	M	**M**			
0017	Date of preparation	M n6	**M**			**File creation date** = Dateformat JJMMTT
0019	Time of preparation	M n4	**M**			**File creation time** = Timeformat HHMM
0020	Interchange control reference	M an..14	**M**			**Interchange control reference, beginnig** = Unique senders reference
S005	RECIPIENT'S REFERENCE, PASSWORD	C	**O**			
0022	Recipient's reference/ password	M an..14	**M**			**Password interchange**
0025	Recipient's reference/ password qualifier	C an2	**O**			AA = Reference BB = Password
0026	Application reference	C an..14	**O**			**Application reference** Message type if the transmission fole contains only one message type
0029	Processing priority code	C a1	**O**			A = Highest priority

7. EANCOM® Segments Layout

Segment number: 2

		EDIFACT	EAN	*	GER	Description:
0031	Acknowledgement request	C n1	**O**			**Acknowledgement request**
0032	Communications agreement ID	C an..35	**O**		**R**	**EANCOM** = EANCOM... EDIFACT subset identification (see note)
0035	Test indicator	C n1	**O**			**Test indicator** 1 = Interchange is a test

Segment notes:

This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange.
For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of UNOC is reasonable because it contains lower case letters and umlauts.

Note DE 0008:

The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's (source) system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

Note DE 0014:

The routing adress is used to identify the receiver, if a provider adds service values for the actual receiver (e.g. consolidated companies, corporate group). The use of the identification system (e.g. GLN) has to be agreed bilaterally.

Note DE 0020:

This data element must contain a consistent sequential number per interchange between sender and receiver of the transmission.

Note DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM , the identity of such agreements must start with the letters 'EANCOM', the remaining characters within the data element being filled according to bilateral agreements.
Example:
        UNB+UNOC:3+4012345000009:14:4012345000018+4000004000002:14:4000004000099+101013:10
4
        3+4711+REF:AA++++EANCOM+1'
        The EANCOM file 4711 dated 13.10.2010, 10 h 43 is sent by the issuer identified with GLN 4012345000009 to the receiver identified with GLN 4000004000002.

7. EANCOM® Segments Layout

Heading section

Segment number: 3

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**	*		SLSRPT = Sales data report 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. The Association assigned code was increased by 1 because the UNS segment was added.						
Example: UNH+ME000001+SLSRPT:D:01B:UN:EAN007' The reference number of the SLSRPT message is ME000001.						

7. EANCOM® Segments Layout

Heading section

Segment number: 4

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**	*		73E = Sales data report (GS1 Code)	
1131	Code list identification code	C an..17	**N**				
3055	Code list responsible agency code	C an..3	**R**	*		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**	*		1 = Cancellation 2 = Addition 5 = Replace 6 = Confirmation 9 = Original 31 = Copy In the textile sector only code value 1 or 9 are used.	
Segment notes:							
Segmentstatus: Mandatory This segment is used to indicate the type and function of a message and to transmit the identifying number. The use of DE 1000 must be mutually agreed between the data exchanging parties. Example: BGM+73E::9:X+87441+9' The document number is 87441.							

7. EANCOM® Segments Layout

Heading section

Segment number: 5

DTM	- M	5 -	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+137:20031001:102'   The message was created on 01.10.2003

7. EANCOM® Segments Layout

Heading section

Segment number: 6

DTM	- M	5 -	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**	*		90 = Report start date
2380	Date or time or period value	C an..35	**R**			**Reporting period, start**
2379	Date or time or period format code	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 615 = YYWW

Segment notes:
Segmentstatus: Conditional
DTM segment is used to specify date, and/or time, or period.
Example: DTM+90:20031201:102' 　　　　 01.12.2003 is the start date of the reporting period.

7. EANCOM® Segments Layout

Heading section

Segment number: 7

DTM	- M	5 -	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**	*		91 = Report end date
2380	Date or time or period value		C an..35	**R**			**Reporting period, end**
2379	Date or time or period format code		C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 615 = YYWW
Segment notes:							
Segmentstatus: Conditional							
DTM segment is used to specify date, and/or time, or period.							
Example: DTM+91:20031204:102' 04.12.2003 is the end date of the reporting period.							

7. EANCOM® Segments Layout

Heading section

Segment number: 8

DTM	- M	5 -	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**	*		356 = Sales date, and or time, and or period
2380	Date or time or period value	C an..35	**R**			**Reporting period**
2379	Date or time or period format code	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.

Segment notes:

Segmentstatus: Conditional

DTM segment is used to specify date, and/or time, or period.

This segment can be used alternatively (!) to the 2 previous segments.

Example: DTM+356:2003080120030830:718'
       The reporting period is 01.08.2003 to 30.08.2003.

7. EANCOM® Segments Layout

Heading section

Segment number: 9

SG2	- M	5 - 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**			SU = Supplier
C082	PARTY IDENTIFICATION DETAILS	C	**A**			
3039	Party identifier	M an..35	**M**			**Supplier/message receiver 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

Segment notes:

Segmentstatus: Mandatory

The supplier/message receiver is identified by GLN.

Example: NAD+SU+4089876511111::9'
          The supplier is identified by GLN 4089876511111.

7. EANCOM® Segments Layout

Heading section

Segment number: 10

SG2	- M	5 - NAD-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/message sender** 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:

The buyer/message sender is identified by GLN.
Segmentstatus: Mandatory

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

7. EANCOM® Segments Layout

Heading section

Segment number: 11

SG2	- M	5 -	NAD-SG4
SG4	- C	9 -	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: 12

SG2	- M	5 - NAD-SG3-SG4
SG3	- C	5 - 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**			
3412	Department or employee name	C an..35	**O**			**Contact person at corpoate office**

Segment notes:
Segmentstatus: Conditional
This segment is used to identify the department and/or person within the party specified in the NAD. The GLN is particulary suitable for that purpose.
Example: CTA+PD+:R.Waldorf'   Purchasing contact person is Mr. Waldorf.

7. EANCOM® Segments Layout

Heading section

Segment number: 13

SG2	- M	5 - NAD-SG3-SG4
SG4	- C	9 - 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**			IT = Internal customer number
1154	Reference identifier	C an..70	**R**			**Internal customer number of corporate office**

Segment notes:
Segmentstatus: Conditional
The RFF segment following the NAD segment can specify the customer number of suppliers system.
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+IT:1515-234-4'
The internal customer number of the sender is 1515-234-4 in the receivers system.

7. EANCOM® Segments Layout

Heading section

Segment number: 14

SG5	- C	5 - CUX	
CUX	- M	1 - Currencies	

Description:
To specify currencies used in the transaction and relevant details for the rate of exchange.

		EDIFACT	EAN	*	GER	Description:
C504	CURRENCY DETAILS	C	**R**			
6347	Currency usage code qualifier	M an..3	**M**	*		2 = Reference currency
6345	Currency identification code	C an..3	**R**			**Currency** ISO 4217 three alpha EUR = Euro
6343	Currency type code qualifier	C an..3	**R**			11 = Payment currency
C504	CURRENCY DETAILS	C	**D**			
6347	Currency usage code qualifier	M an..3	**M**	*		3 = Target currency
6345	Currency identification code	C an..3	**R**			ISO 4217 three alpha
6343	Currency type code qualifier	C an..3	**R**			11 = Payment currency
6348	Currency rate value	C n..4	**O**			
5402	Currency exchange rate	C n..12	**D**			**Rate of exchange**

Segment notes:
Segmentstatus: Depending, must only be used if prices or amounts are content of the message.
When specifying Reference and Target Currencies for international trade, one occurrence of CUX is all that is required. The reference currency is identified in the first occurrence of composite C504, with the target currency specified in the second occurrence of C504. The rate of exchange between the two is detailed in DE 5402.
Example: CUX+2:EUR:11+3:USD:11+0.90243'   The basic currency is EURO.

7. EANCOM® Segments Layout

Detail section

Segment number: 15

SG6	- C	200000 -	LOC-DTM-SG8
LOC	- M	1 -	Place/location identification

Description:

To identify a place or a location and/or related locations.

		EDIFACT	EAN	*	GER	Description:
3227	Location function code qualifier	M an..3	**M**			162 = Place or location of sale
C517	LOCATION IDENTIFICATION	C	**A**			
3225	Location name code	C an..25	**A**			**Identification of location of sale** Global Location Number (GLN)- Format n13
1131	Code list identification code	C an..17	**O**			
3055	Code list responsible agency code	C an..3	**D**			9 = GS1

Segment notes:

Segmentstatus: Mandatory

The LOC segment triggers the detail section of the message. Segment group 6 is repeated for every location where sales are reported.

The outlet for which sales data are reported is identified by GLN.

Example: LOC+162+5099104000221::9'

          The outlet is identified by GLN 5099104000221.

7. EANCOM® Segments Layout

Detail section

Segment number: 16

SG6	- C	200000	-	LOC-DTM-SG8
DTM	- C	5	-	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**	*		356 = Sales date, and or time, and or period
2380	Date or time or period value	C an..35	**R**			**Sales period outlet**
2379	Date or time or period format code	C an..3	**R**			102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.

Segment notes:

Segmentstatus: Conditional

The segment is used to provide a date or period when goods have been sold, which are identified in the following LIN group (segment group 8). The DTM segment can be used to specify the weekly sales in a monthly report. This segment is not necessary if the date or period is identical with the specification at header level.

Example: DTM+356:20030601:102'
        The date of sale is 01.06.2003.

7. EANCOM® Segments Layout

Detail section

Segment number: 17

SG6	- C	200000	- LOC-DTM-SG8		
SG8	- C	200000	- LIN-PIA-RFF-ALI-MOA-SG9-SG10		
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:
Segmentstatus: Mandatory
In this segment the GTIN is indicated as item identification.
Example: LIN+1++4056786542381:SRV'
The product for that sales are being reported is identified by GTIN 4056786542381.

7. EANCOM® Segments Layout

Detail section

Segment number: 18

SG6	- C	200000 -	LOC-DTM-SG8
SG8	- C	200000 -	LIN-PIA-RFF-ALI-MOA-SG9-SG10
MOA	- C	5 -	Monetary amount

Description:

To specify a monetary amount.

		EDIFACT	EAN	*	GER	Description:
C516	MONETARY AMOUNT	M	**M**			
5025	Monetary amount type code qualifier	M an..3	**M**			203 = Line item amount
5004	Monetary amount	C n..35	**R**			**Line amount**

Segment notes:

Segmentstatus: Conditional

To indicate the retail value of the current article within the specified period code value 402 is used for DE 5025 and AAE is used for DE 5125 of the following PRI segment.

Example: MOA+203:134.5'
          The line amount is 134,50.

7. EANCOM® Segments Layout

Detail section

Segment number: 19

SG6	- C	200000	-	LOC-DTM-SG8
SG8	- C	200000	-	LIN-PIA-RFF-ALI-MOA-SG9-SG10
SG9	- C	999	-	PRI
PRI	- M	1	-	Price details

Description:

To specify price information.

		EDIFACT	EAN	*	GER	Description:
C509	PRICE INFORMATION	C	**R**			
5125	Price code qualifier	M an..3	**M**			1E = Calculation net - including taxes (GS1 Code)
5118	Price amount	C n..15	**R**			**Retail price**
5375	Price type code	C an..3	**O**			
5387	Price specification code	C an..3	**O**			RTP = Retail price Retail price DAP = Dealer adjusted price Price including individual discount DPR = Discount price Price including a staff discount PRP = Promotional price Price with miscellaneous discount

Segment notes:

Segmentstatus: Conditional

This segment is used to provide the price by which the current article was sold.

Example: PRI+1E:12.45::RTP'
          The retail price is 12,45.

7. EANCOM® Segments Layout

Detail section

Segment number: 20

SG6	- C	200000 -	LOC-DTM-SG8	
SG8	- C	200000 -	LIN-PIA-RFF-ALI-MOA-SG9-SG10	
SG10	- C	999 -	QTY-NAD	
QTY	- M	1 -	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**	*		153 = Statistical sales quantity
6060	Quantity	M an..35	**M**			**Sold quantity** Use only numeric values.
6411	Measurement unit code	C an..3	**D**			KGM = kilogram KWT = kilowatt For more code see EANCOM codeslist.

Segment notes:

Segmentstatus: Mandatory

The QTY segment is used to specify the sold quantity for the current item, which was identified in the LIN segment.

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

Example: QTY+153:24'
           The current sold quantity is 24.

7. EANCOM® Segments Layout

Detail section

Segment number: 21

SG6	- C	200000	-	LOC-DTM-SG8
SG8	- C	200000	-	LIN-PIA-RFF-ALI-MOA-SG9-SG10
SG10	- C	999	-	QTY
QTY	- M	1	-	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**	*		210 = Returned by consumer quantity
6060	Quantity	M an..35	**M**			**Quantity returned by consumer** Use only numeric values.
6411	Measurement unit code	C an..3	**D**			KGM = kilogram KWT = kilowatt For more code see EANCOM codeslist.

Segment notes:

Segmentstatus: Mandatory

The QTY segment is used to specify the quantity by the consumer for the current item, which was identified in the LIN segment.

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

Example: QTY+210:2'
           The quantity returned by the consumer is 2.

7. EANCOM® Segments Layout

End of message

Segment number: 22

UNS	- M	1 - Section control

Description:
To separate header, detail and summary sections of a message.

Notes:
1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.

		EDIFACT	EAN	*	GER	Description:
0081	Section identification	M a1	**M**			S = Detail/summary section separation

Segment notes:
Segmentstatus: Mandatory
This segment is used to identify the break between the message detail and message trailer sections.
Example: UNS+S'   Separation of detail- and summary section

7. EANCOM® Segments Layout

End of message

Segment number: 23

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**			**Number of segments within the message**
0062	Message reference number	M an..14	**M**			The message reference numbered detailed here must equal the one specified in DE 0062 of the UNH segment.
Segment notes:						
Segmentstatus: Mandatory						
This segment is mandatory in UN/EDIFACT. It must always be the last segment in the message.						
Example: UNT+35+ME000001' The message contains 35 segments						

7. EANCOM® Segments Layout

Segment number: 24

UNZ	- M	1 -	Interchange trailer			

Description:
To end and check the completeness of an interchange.

		EDIFACT	EAN	*	GER	Description:
0036	Interchange control count	M n..6	**M**			**End of the transmission file, Number of messages or message groups** Number of messages or message groups in the transmission file.
0020	Interchange control reference	M an..14	**M**			**Interchange control reference, end** Interchange control reference, identical with UNB DE 0020.

Segment notes:
The UNZ segment is the last segment of the transmission file.
Note DE 0036:
If functional groups are not used, this is the number of messages within the interchange.
Example: UNZ+1+4711'   The transmission file contains 1 message.

8. Example(s)

SLSRPT message example

Please note that EANCOM® 2002 message examples are intended to describe all possible constellations of segment use. They do not necessarily reflect the actual requirements of a business process.

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

8. Example(s)

UNA:+.? '
    The UNA segment contains the default service string characters.

UNB+UNOC:3+4012345000009:14:4012345000018+4000004000002:14:4000004000099+101013:1043+4711+REF:AA++++EANCOM+1'
    The EANCOM file 4711 dated 13.10.2010, 10 h 43 is sent by the issuer identified with GLN 4012345000009 to the receiver identified with GLN 4000004000002.

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

BGM+73E::9:X+87441+9'
    The document number is 87441.

DTM+137:20031001:102'
    The message was created on 01.10.2003

DTM+90:20031201:102'
    01.12.2003 is the start date of the reporting period.

DTM+91:20031204:102'
    04.12.2003 is the end date of the reporting period.

DTM+356:2003080120030830:718'
    The reporting period is 01.08.2003 to 30.08.2003.

NAD+SU+4089876511111::9'
    The supplier is identified by GLN 4089876511111.

NAD+BY+4071615111110::9+:X:X:X:X'
    The buyer/message sender is identified by GLN 4071615111110.

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

CUX+2:EUR:11+3:USD:11+0.90243'
    The basic currency is EURO.

LOC+162+5099104000221::9'
    The outlet is identified by GLN 5099104000221.

DTM+356:20030601:102'
    The date of sale is 01.06.2003.

LIN+1++4056786542381:SRV'
    The product for that sales are being reported is identified by GTIN 4056786542381.

MOA+203:134.5'
    The line amount is 134,50.

PRI+1E:12.45::RTP'
    The retail price is 12,45.

QTY+153:24'
    The current sold quantity is 24.

8. Example(s)

QTY+210:2'
　　The quantity returned by the consumer is 2.

UNS+S'
　　Separation of detail- and summary section

UNT+35+ME000001'
　　The message contains 35 segments

UNZ+1+4711'
　　The transmission file contains 1 message.