



GS1 System

Ideal-Message Envelope 4.1

16.08.2019

Based on EANCOM ® 2002

Envelope

Documentation conventions

Format and pictures

	as described in column "Format" of segment details
Character type:	a :alphabetic characters n :numeric characters an :alpha-numeric characters
Size:	Fixed : all positions must be used Variable : positions may be used up to a specified maximum
Examples:	as described in column "St" of segment details

Status indicators

	as described in column "St" of segment details
(R)equired	Indicates that the entity is required and must be sent. (This status is set by EANCOM®.)
(C)onditional	Indicates that the entity is conditional and may be sent at the discretion of the user.
(D)ependent	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
(N)ot used	Indicates that the entity is not used.

Restriction indicators

	as described in column "R" of segment details
Restricted (*)	A data element marked with an asterisk (*) in the fourth column of the segment details of a message indicates that the listed codes in column five are the only codes available for use with the data element at the same level as the asterisk, in the current segment, in the current message.
Open	All data elements in which coded representation of data is possible, and in which a restricted set of code values is not indicated, are open. The available codes are listed in the Data Elements and Code Sets Directory (Part III of this manual). Code values may be given as examples or there may be a note on the format or type of code to be used.

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Message description

The segments presented here are the EDIFACT service segments. These service segments form the beginning (UNA, UNB) or the end (UNZ) of each EDIFACT/EANCOM transmission file.

UNA: This segment displays the valid service characters for the entire file. We strongly recommend that these control characters are not changed!

UNB: In this segment, the sender and recipient of the message are identified.

.....

UNZ: This segment indicates the end of the file.

The segments described here are valid for all "Ideal Messages" from GS1 Switzerland, with the exception of the INVOIC with security elements (EANCOM 2002 S4). In that message, the corresponding service segments are included directly in the guideline.

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Segments Layout

Segment **UNB** No.: 2 Level: 0 Interchange header
 Status: R Max. occ.: 1

Description Interchange header

Description of Segment:

	Description	St Format	*	Example	Remarks
S001	Syntax identifier	R			
0001	Syntax identifier	R a4	*	+UNOC	UNOC = UN/ECE level C The character set UNOC contains all necessary characters for the following languages: Danish, Dutch, English, Faeroese, Finnish, French, German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish, Swedish. The UNOC character set allows upper and lower case letters.
0002	Syntax version number	R n1	*	:3	3 = Version 3
S002	Interchange sender	R			
0004	Sender identification	R an..35		+541234 5678908	GLN (n13) GLN of the sender
0007	Partner identification code qualifier	R an..4	*	:14	14 = EAN International
0008	Address for reverse routing	C an..14		: 5412345 678908	GLN of sender's reverse routing address.
S003	Interchange recipient	R			
0010	Recipient identification	R an..35		+879876 5432106	GLN (n13) GLN of the recipient
0007	Partner identification code qualifier	R an..4	*	:14	14 = EAN International
0014	Routing address	C an..14		: 8798765 438801	GLN of the recipients internal routing address
S004	Date/time of preparation	R			
0017	Date of preparation	R n6		+020102	YYMMDD Date of preparation
0019	Time of preparation	R n4		:1000	HHMM Time of preparation
0020	Interchange control reference	R an..14		+123455 55	Unique reference identifying the interchange. Created by the interchange sender. The sender can use a separate number range for each partner to enable the recipient to control missing transmissions effectively.

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Segments Layout

	Description	St Format	*	Example	Remarks
S005	Recipient's reference, password	N			
0022	Recipient's reference/ password	M an..14	+		
0026	Application reference	C an..14	+		Message identification if the interchange contains only one type of message.
0029	Processing priority code	N a1	+		
0031	Acknowledgement request	C n1	+1		1 = Requested This data element is used to indicate whether an acknowledgement to the interchange is required. 1 = Technische Empfangsbestätigung verlangt
0032	Communications agreement ID	C an..35	*	+EANCOMREF 52	EANCOM.....
0035	Test indicator	C n1	+1'		1 = Interchange is a test 1 = test transmission

Description:

Example:

UNB+UNOC:3+5412345678908:14+8798765432106:14+020102:1000+1234555+++++EANCOMREF 52'

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List of changes

No.	Description	Segments and elements
01	12.08.2019: Publication Version 4.1.0	1 UNA

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Kompetenzplattform Ganzheitlich denken - Ressourcen schonen



Kompetenzvermittlung Wissen vermitteln - Kompetenz steigern



Kollaboration Zusammenarbeit fördern - Wertschöpfung verbessern



Standards Standards nutzen - Effizienz erhöhen



Nachhaltigkeit Ganzheitlich denken - Ressourcen schonen