



Message Implementation Guideline

EUROTRADE DESADV (EAN007) S4

based on

DESADV

Despatch advice message

EANCOM® 2002 S4

Version: 1
Variant: 0
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Change History

Date	Change
11-12-2019	Add reference for ARC code (SG1: RFF+AWT)



Structure / Table of Contents

Counter	No	Tag	St	MaxOcc	Level	Content
0000	1	UNA	C	1	0	Service string advice
0000	2	UNB	M	1	0	Interchange header
0010	3	UNH	M	1	0	Message header
0020	4	BGM	M	1	0	Beginning of message
0030	5	DTM	M	10	1	Date/time/period
0030	6	DTM	M	10	1	Date/time/period
0030	7	DTM	M	10	1	Date/time/period
0080		SG1	C	10	1	RFF-DTM
0090	8	RFF	M	1	1	Reference
0100	9	DTM	C	1	2	Date/time/period
0080		SG1	C	10	1	RFF-DTM
0090	10	RFF	M	1	1	Reference
0100	11	DTM	O	1	2	Date/time/period
0080		SG1	C	10	1	RFF
0090	12	RFF	M	1	1	Reference
0110		SG2	M	99	1	NAD-SG3
0120	13	NAD	M	1	1	Name and address
0140		SG3	C	10	2	RFF
0150	14	RFF	O	1	2	Reference
0110		SG2	M	99	1	NAD-SG3
0120	15	NAD	M	1	1	Name and address
0140		SG3	C	10	2	RFF
0150	16	RFF	O	1	2	Reference
0110		SG2	M	99	1	NAD-SG3
0120	17	NAD	M	1	1	Name and address
0140		SG3	C	10	2	RFF
0150	18	RFF	O	1	2	Reference
0390		SG10	M	9999	1	CPS-SG11
0400	19	CPS	M	1	1	Consignment packing sequence
0430		SG11	M	9999	2	PAC-MEA
0440	20	PAC	M	1	2	Package
0450	21	MEA	A	10	3	Measurements
0390		SG10	M	9999	1	CPS-SG11-SG17
0400	22	CPS	M	1	1	Consignment packing sequence
0430		SG11	M	9999	2	PAC-MEA-SG13
0440	23	PAC	M	1	2	Package
0450	24	MEA	C	10	3	Measurements

Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

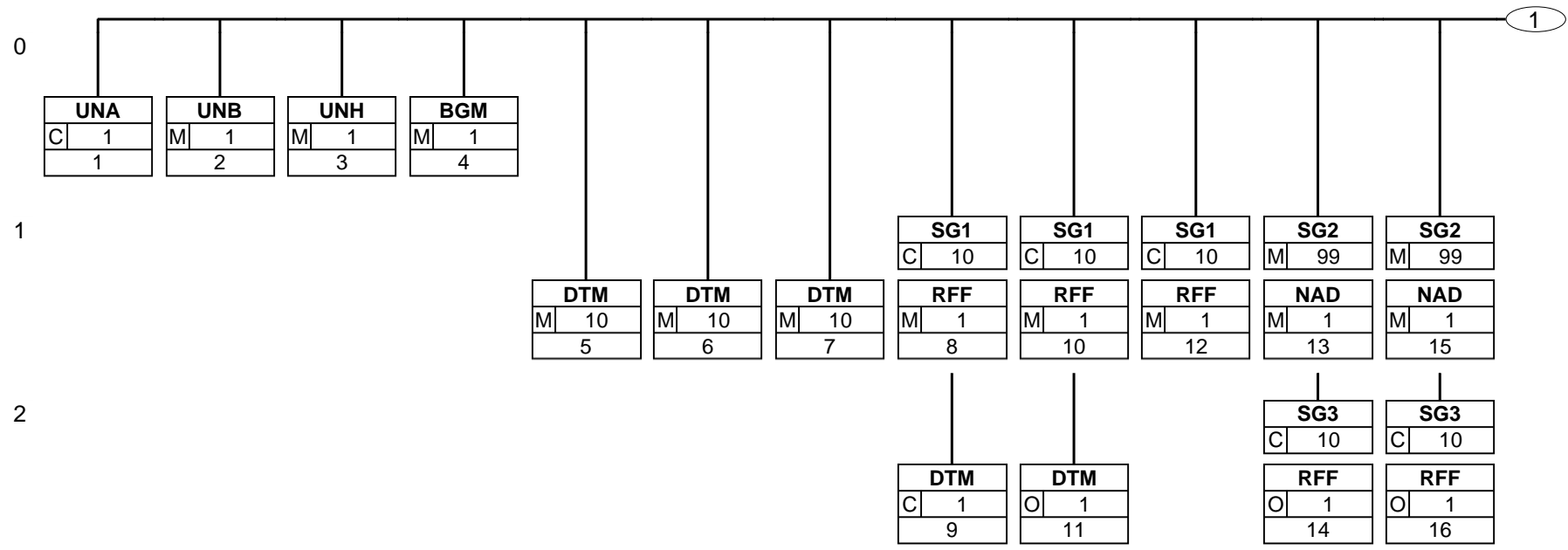


Counter	No	Tag	St	MaxOcc	Level	Content
	0500	SG13	C	1000	3	PCI-SG15
	0510	25 PCI	M	1	3	Package identification
	0570	SG15	M	99	4	GIN
	0580	26 GIN	M	1	4	Goods identity number
	0650	SG17	M	9999	2	LIN-PIA-PIA-IMD-QTY-ALI-SG22
	0660	27 LIN	M	1	2	Line item
	0670	28 PIA	C	10	3	Additional product id
	0670	29 PIA	D	10	3	Additional product id
	0680	30 IMD	O	25	3	Item description
	0700	31 QTY	M	10	3	Quantity
	0710	32 ALI	R	10	3	Additional information
	0990	SG22	D	9999	3	PCI-SG23
	1000	33 PCI	M	1	3	Package identification
	1040	SG23	D	10	4	GIN
	1050	34 GIN	M	1	4	Goods identity number
	1150	35 UNT	M	1	0	Message trailer
	0000	36 UNZ	M	1	0	Interchange trailer

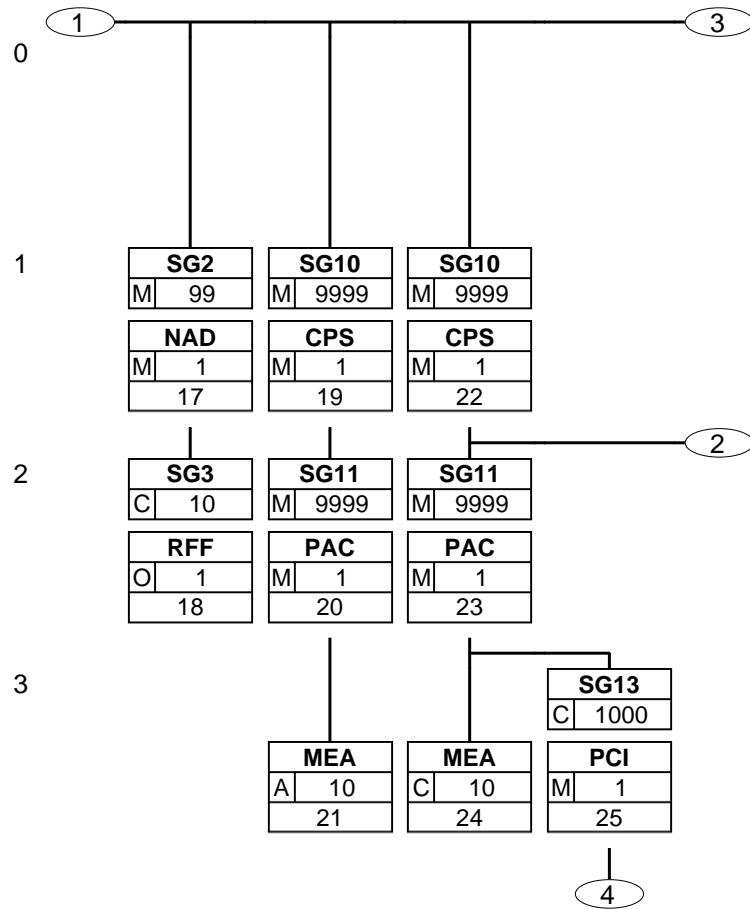
Counter = Counter of segment/group within the standard
 No = Consecutive segment number
 MaxOcc = Maximum occurrence of the segment/group

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used

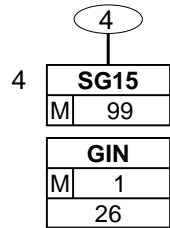
DESADV Despatch advice message
Branching Diagram



Branching Diagram

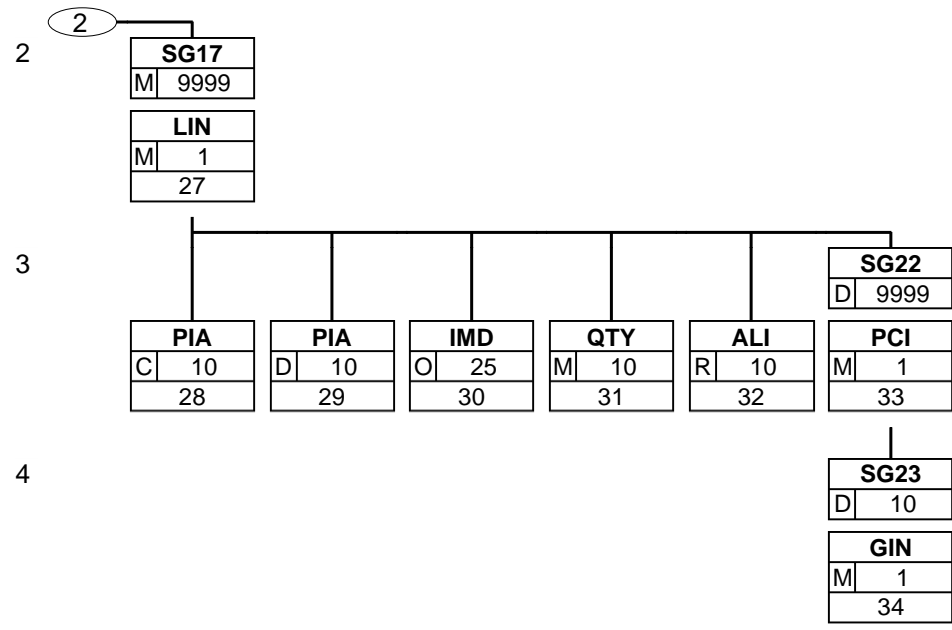


Status: M=Mandatory, C=Conditional, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used, X=Not used

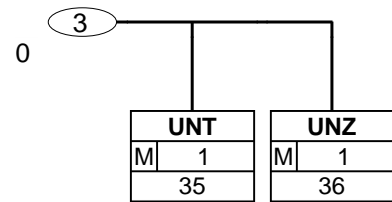


Status: M=Mandatory, C=Conditional, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used, X=Not used

DESADV Despatch advice message
Branching Diagram



DESADV Despatch advice message
Branching Diagram



Status: M=Mandatory, C=Conditional, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 1

UNA - C 1 - Service string advice					
Function:					
The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The space character shall not be used in positions 010, 020, 040, 050 or 060. The same character shall not be used in more than one position of the UNA.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
UNA1	Component data element separator	M an1	M		Used as a separator between component data elements contained within a composite data element (default value: ".")
UNA2	Data element separator	M an1	M		Used to separate two simple or composite data elements (default value: "+")
UNA3	Decimal mark	M an1	M		Used to indicate the character used for decimal notation (default value: ".")
UNA4	Release character	M an1	M		Used to restore any service character to its original specification (value: "?")
UNA5	Repetition separator	M an1	M		Used to indicate the character used for repetition separation (value: " * ")
UNA6	Segment terminator	M an1	M		Used to indicate the end of segment data (default value: " ' ")

Segment Notes:

This segment is used to inform the receiver of the interchange that a set of service string characters which are different to the default characters are being used.

When using the default set of service characters, the UNA segment need not be sent. If it is sent, it must immediately precede the UNB segment and contain the four service string characters (positions UNA1, UNA2, UNA4 and UNA6) selected by the interchange sender.

Regardless of whether or not all of the service string characters are being changed every data element within this segment must be filled, (i.e., if some default values are being used with user defined ones, both the default and user defined values must be specified).

When expressing the service string characters in the UNA segment, it is not necessary to include any element separators.

The use of the UNA segment is required when using a character set other than level A.

Example:

UNA:+.?*

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 2

UNB - M 1 - Interchange header				
Function: To identify an interchange.				
Notes: 1. S001/0002, shall be '4' to indicate this version of the syntax. 2. The combination of the values carried in data elements S002, S003 and 0020 shall be used to identify uniquely the interchange, for the purpose of acknowledgement.				
		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
S001	SYNTAX IDENTIFIER	M	M	See Part I chapter 5.2.7 and segment notes.
0001	Syntax identifier	M a4	M	UNOC = UN/ECE level C
0002	Syntax version number	M an1	M	4 = Version 4
S002	INTERCHANGE SENDER	M	M	
0004	Interchange sender identification	M an..35	M	GLN (n13) Sender of the EDIFACT message. Identified using a Global Location Number (GLN).
0007	Identification code qualifier	C an..4	R	14 = GS1
S003	INTERCHANGE RECIPIENT	M	M	
0010	Interchange recipient identification	M an..35	M	GLN (n13) Receiver of the EDIFACT message. Identified using a Global Location Number (GLN). Only the GLN "4260197450002" is allowed for Eurotrade.
0007	Identification code qualifier	C an..4	R	14 = GS1
S004	DATE AND TIME OF PREPARATION	M	M	
0017	Date	M n8	M	CCYYMMDD
0019	Time	M n4	M	HHMM
0020	Interchange control reference	M an..14	M	Unique reference identifying the interchange. Created by the interchange sender.
0026	Application reference	C an..14	O	Message identification if the interchange contains only one type of message.
0035	Test indicator	C n1	O	1 = Interchange is a test

Segment Notes:

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

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User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 2

same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.

For eurotrade Airport Munich always use GLN 4260197450002 as recipient of the message.

Example:

UNB+UNOC:4+9110019474691:14+4260197450002:14+20190102:1043+12345555+++++1'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment number: 3

UNH - M 1 - Message header					
Function:					
To head, identify and specify a message.					
Notes:					
1. Data element S009/0057 is retained for upward compatibility. The use of S016 and/or S017 is encouraged in preference.					
2. The combination of the values carried in data elements 0062 and S009 shall be used to identify uniquely the message within its group (if used) or if not used, within its interchange, for the purpose of acknowledgement.					
Standard			Implementation		
Tag	Name	St/Format	St	*	Usage
0062	Message reference number	M an..14	M		Senders unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be identical. Sender generated.
S009	MESSAGE IDENTIFIER	M	M		DESADV = Despatch advice message D = Draft version/UN/EDIFACT Directory 01B = Release 2001 - B UN = UN/CEFACT EAN007 = GS1 version control number (GS1 Permanent Code) Indicates that the message is the EANCOM version 007 of the UNSM Despatch Advice.
0065	Message type	M an..6	M	*	
0052	Message version number	M an..3	M	*	
0054	Message release number	M an..3	M	*	
0051	Controlling agency, coded	M an..3	M	*	
0057	Association assigned code	C an..6	R	*	

Segment Notes:

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

Example:

UNH+1+DESADV:D:01B:UN:EAN007'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 4

BGM - M 1 - Beginning of message					
Function:					
To indicate the type and function of a message and to transmit the identifying number.					
Standard			Implementation		
Tag	Name	St/Format	St	*	Usage
C002	DOCUMENT/MESSAGE NAME	C	R		351 = Despatch advice
1001	Document name code	C an..3	R	*	
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	R		Despatch Advice number assigned by the document sender.
1004	Document identifier	C an..35	R		
1225	Message function code	C an..3	R	*	9 = Original The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. Consequently, one separate message has to be provided per type of function required. The following definitions apply for the restricted codes: 9 = Original - An original transmission of a Despatch advise.

Segment Notes:

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

All references other than the document number DE 1004 are to be put in the RFF segment.

Example:

BGM+351+1200002+9'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 5

DTM - M 10 - Date/time/period					
Function:					
To specify date, and/or time, or period.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
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		
2379	Date or time or period format code	C an..3	R		102 = CCYYMMDD

Segment Notes:

This segment is used to specify the date of the Despatch Advice.

Example:

DTM+137:20180105:102'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 6

DTM - M 10 - Date/time/period					
Function: To specify date, and/or time, or period.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	2 = Delivery date/time, requested
2380	Date or time or period value	C an..35	R		
2379	Date or time or period format code	C an..3	R		102 = CCYYMMDD

Segment Notes:

This segment is used to specify the requested delivery date.

Example:

DTM+2:20180105:102'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 7

DTM - M 10 - Date/time/period					
Function: To specify date, and/or time, or period.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
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		
2379	Date or time or period format code	C an..3	R		102 = CCYYMMDD

Segment Notes:

This segment is used to specify the estimated delivery date.

Example:

DTM+17:20180105:102'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 8

SG1	- C	10 - RFF-DTM			
RFF	- M	1 - Reference			
Function:					
To specify a reference.					
Standard Implementation					
Tag	Name	St/Format	St	*	Usage
C506	REFERENCE	M	M		ON = Order number (buyer)
1153	Reference code qualifier	M an..3	M		
1154	Reference identifier	C an..70	R		

Segment Notes:

This segment is used to provide references that apply to the whole transaction.

Provide the original order number, to which the despatch advice reference to. In case of eurotrade the order number can only be displayed on header level. A dispatch advice can only refer to one order number.

Example:

RFF+ON:90000123'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 9

SG1	- C	10 - RFF-DTM	
DTM	- C	1 - Date/time/period	
Function: To specify date, and/or time, or period.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
C507	DATE/TIME/PERIOD	M	M
2005	Date or time or period function code qualifier	M an..3	M * 171 = Reference date/time
2380	Date or time or period value	C an..35	R
2379	Date or time or period format code	C an..3	R 102 = CCYYMMDD

Segment Notes:

This segment is used to specify dates relating to the references given in the previous RFF segment.

Example:

DTM+171:20181212:102'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 10

SG1	- C	10 - RFF-DTM			
RFF	- M	1 - Reference			
Function: To specify a reference.					
Standard Implementation					
Tag	Name	St/Format	St	*	Usage
C506	REFERENCE	M	M		DQ = Delivery note number
1153	Reference code qualifier	M an..3	M		
1154	Reference identifier	C an..70	R		

Segment Notes:

This segment is used to provide references that apply to the whole transaction.
 Provide the despatch advice number

Example:

RFF+DQ:1200002'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 11

SG1	- C	10 - RFF-DTM	
DTM	- O	1 - Date/time/period	
Function: To specify date, and/or time, or period.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
C507	DATE/TIME/PERIOD	M	M
2005	Date or time or period function code qualifier	M an..3	M * 171 = Reference date/time
2380	Date or time or period value	C an..35	R
2379	Date or time or period format code	C an..3	R 102 = CCYYMMDD

Segment Notes:

This segment is used to specify dates relating to the references given in the previous RFF segment.

Example:

DTM+171:20190102:102'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 12

SG1	- C	10 - RFF	
RFF	- M	1 - Reference	
Function:			
To specify a reference.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
C506	REFERENCE	M	M
1153	Reference code qualifier	M an..3	M
1154	Reference identifier	C an..70	R

AWT = Administrative Reference Code

Segment Notes:

This segment is used to provide references that apply to the whole transaction.

The unique administrative reference code (the ARC code) assigned by EMCS to the movement should be provided in this segment.

Example:

RFF+AWT:333787548'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 13

SG2	- M	99 - NAD-SG3	
NAD	- M	1 - Name and address	
Function:			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
3035	Party function code qualifier	M an..3	M BY = Buyer
C082	PARTY IDENTIFICATION DETAILS	C	A
3039	Party identifier	M an..35	M GLN - Format n13 Format n13 For identification of parties use GLN - Format n13.
3055	Code list responsible agency code	C an..3	R * 9 = GS1

Segment Notes:

This segment is used to identify the trading partners involved in the Despatch Advice message. In this segment the GLN of the buyer is indicated. This is always the GLN of eurotrade Aiport Munich 4260197450002.

Only GLN is needed to identify the parties.

Example:

NAD+BY+4260197450002::9'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 14

SG2	- M	99 - NAD-SG3			
SG3	- C	10 - RFF			
RFF	- O	1 - Reference			
Function:					
To specify a reference.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
C506	REFERENCE	M	M		
1153	Reference code qualifier	M an..3	M	*	IT = Internal customer number
1154	Reference identifier	C an..70	R		

Segment Notes:

This segment is used to specify references related to the party identified in the previous NAD segment. In this case the internal customer number can be indicated.

Example:

RFF+IT:15678914'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 15

SG2	- M	99 - NAD-SG3	
NAD	- M	1 - Name and address	
Function:			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
3035	Party function code qualifier	M an..3	M SU = Supplier
C082	PARTY IDENTIFICATION DETAILS	C	A
3039	Party identifier	M an..35	M GLN - Format n13 Format n13 For identification of parties use GLN - Format n13.
3055	Code list responsible agency code	C an..3	R * 9 = GS1

Segment Notes:

This segment is used to identify the trading partners involved in the Despatch Advice message. In this segment the GLN of the supplier is indicated. Only GLN is needed to identify the parties.

Example:

NAD+SU+9110019474691::9'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 16

SG2	- M	99 - NAD-SG3			
SG3	- C	10 - RFF			
RFF	- O	1 - Reference			
Function:					
To specify a reference.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
C506	REFERENCE	M	M		YC1 = Additional party identification (GS1 Temporary Code)
1153	Reference code qualifier	M an..3	M	*	
1154	Reference identifier	C an..70	R		

Segment Notes:

This segment is used to specify references related to the party identified in the previous NAD segment. In this segment the supplier ID at eurotrade can be provided.

Example:

RFF+YC1:789432'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 17

SG2	- M	99 - NAD-SG3	
NAD	- M	1 - Name and address	
Function:			
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
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 GLN - Format n13 Format n13 For identification of parties use GLN - Format n13.
3055	Code list responsible agency code	C an..3	R * 9 = GS1

Segment Notes:

This segment is used to identify the trading partners involved in the Despatch Advice message. In this segment the GLN of the delivery address is indicated. The delivery address should be the same as in the order message provided.

The delivery address in NAD is the main delivery address valid for all line items.

Example:

NAD+DP+4260197450019::9'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 18

SG2	- M	99 - NAD-SG3			
SG3	- C	10 - RFF			
RFF	- O	1 - Reference			
Function:					
To specify a reference.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
C506	REFERENCE	M	M		YC1 = Additional party identification (GS1 Temporary Code)
1153	Reference code qualifier	M an..3	M	*	
1154	Reference identifier	C an..70	R		

Segment Notes:

This segment is used to specify references related to the party identified in the previous NAD segment. In this segment the shop number at eurotrade can be provided as a 3 digits long number.

Example:

RFF+YC1:000'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 19

SG10	- M	9999 - CPS-SG11	
CPS	- M	1 - Consignment packing sequence	
Function:			
To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
7164	Hierarchical structure level identifier	M an..35	M Sequential numbering recommended.

Segment Notes:

This segment is used to identify the sequence in which packing of the consignment occurs. The position part of the message begins with the CPS segment. The segments after the first CPS segment (CPS+1) and before the subsequent CPS segment (CPS+2+1) may contain physical information about the entire shipment. This segment is used to indicate the order of the packages of a shipment, this means for each package, a new position part of the message starts with the CPS segment, data element 7164 is incremented by one.

For the sake of standardization, the first SG 10 (CPS+1) always serves to indicate the number of packages in a shipment, even if the consignment consists of only one package.

For deliveries to the warehouse, the outermost load carriers, for example the pallet, are provided with SSCC codes.

Following delivery party Global Location Number state, that it is a delivery to the warehouse:

4260197450019
4260197451023
4260197451009
4260197456110

For deliveries ordered for a specific shop, the SSCC codes must be attached to the boxes. In that case, the pallet is not provided with SSCC.

Example:

CPS+1'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 20

SG10	- M	9999 - CPS-SG11		
SG11	- M	9999 - PAC-MEA		
PAC	- M	1 - Package		
Function:				
To describe the number and type of packages/physical units.				
		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
7224	Package quantity	C n..8	M	
C531	PACKAGING DETAILS	C	A	
C202	PACKAGE TYPE	C	R	
7065	Package type description code	C an..17	R	
201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code) CT = Carton PK = Package				

Segment Notes:

This segment can be used to identify the total number of packages per package type in the whole shipment.

The example means that this shipment contains three pallets.

PAC+3++201'

Example:

PAC+3++CT'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 21

SG10	- M	9999 - CPS-SG11	
SG11	- M	9999 - PAC-MEA	
MEA	- A	10 - Measurements	
Function:			
To specify physical measurements, including dimension tolerances, weights and counts.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
6311	Measurement purpose code qualifier	M an..3	M AAE = Measurement
C502	MEASUREMENT DETAILS	C	A
6313	Measured attribute code	C an..3	A AAD = Total gross weight
C174	VALUE/RANGE	C	R
6411	Measurement unit code	M an..3	M KGM = kilogram
6314	Measurement value	C an..18	O

Segment Notes:

This segment is used to provide measurements relevant to the packaging unit described in the PAC segment.

This segment displays the total gross weight of the whole delivery.

Example:

MEA+AAE+AAD+KGM:250'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 22

SG10	- M	9999 - CPS-SG11-SG17	
CPS	- M	1 - Consignment packing sequence	
Function:			
To identify the sequence in which physical packing is presented in the consignment, and optionally to identify the hierarchical relationship between packing layers.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
7164	Hierarchical structure level identifier	M an..35	M Sequential numbering recommended.
7166	Hierarchical structure parent identifier	C an..35	M reference to the next higher hierarchy level.

Segment Notes:

This segment is used to identify the sequence in which packing of the consignment occurs.

This segment is used to indicate the order of the shipping units of a shipment. This means that every shipping unit begins a new position part of the message with the CPS segment, data element 7164 is increased by one.

The hierarchy level for eurotrade DESADV messages can only be on pallet or on carton level, but never both. For further information see SG10(1) CPS+1.

Example:

CPS+2+1'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 23

SG10	- M	9999 - CPS-SG11-SG17		
SG11	- M	9999 - PAC-MEA-SG13		
PAC	- M	1 - Package		
Function:				
To describe the number and type of packages/physical units.				
		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
7224	Package quantity	C n..8	M	
C531	PACKAGING DETAILS	C	A	
C202	PACKAGE TYPE	C	R	
7065	Package type description code	C an..17	R	
201 = Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code) CT = Carton PK = Package				

Segment Notes:

This segment can be used to identify the total number of packages per hierarchical level identified in the CPS segment, in a shipment. The contents of each package is subsequently described in the following LIN segment.

Example:

PAC+1++CT'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 24

SG10	- M	9999 - CPS-SG11-SG17	
SG11	- M	9999 - PAC-MEA-SG13	
MEA	- C	10 - Measurements	
Function:			
To specify physical measurements, including dimension tolerances, weights and counts.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
6311	Measurement purpose code qualifier	M an..3	M AAE = Measurement
C502	MEASUREMENT DETAILS	C	C
6313	Measured attribute code	C an..3	C AAB = Unit gross weight
C174	VALUE/RANGE	C	C
6411	Measurement unit code	M an..3	M KGM = kilogram
6314	Measurement value	C an..18	C

Segment Notes:

This segment is used to provide measurements relevant to the packaging unit described in the PAC segment.

Example:

MEA+AAE+AAB+KGM:50'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 25

SG10	- M	9999 - CPS-SG11-SG17	
SG11	- M	9999 - PAC-MEA-SG13	
SG13	- C	1000 - PCI-SG15	
PCI	- M	1 - Package identification	
Function:			
To specify markings and labels on individual packages or physical units.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
4233	Marking instructions code	C an..3	R 33E = Marked with serial shipping container code (GS1 Temporary Code)

Segment Notes:

This segment is used to provide markings and labels information relevant to the packaging unit and level identified in the PAC segment.

The PCI segment points out a marking with SSCC. For eurotrade deliveries must be marked with SSCC.

Example:

PCI+33E'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 26

SG10	- M	9999 - CPS-SG11-SG17
SG11	- M	9999 - PAC-MEA-SG13
SG13	- C	1000 - PCI-SG15
SG15	- M	99 - GIN
GIN	- M	1 - Goods identity number

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

		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
7405	Object identification code qualifier	M an..3	M	* BJ = Serial shipping container code In EANCOM it is recommended to use the Serial Shipping Container Code (SSCC) for unique identification of individual transport packages.
C208	IDENTITY NUMBER RANGE	M	M	
7402	Object identifier	M an..35	M	

Segment Notes:

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

This segment contains the number of the shipping unit (SSCC).

For optimum use of the DESADV, the SSCC must also be mounted in scannable form on the GS1 transport label on the pallet or carton.

Example:

GIN+BJ+354123450000000014'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment number: 27

SG10	- M	9999 - CPS-SG11-SG17		
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22		
LIN	- M	1 - Line item		
Function:				
To identify a line item and configuration.				
		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
1082	Line item identifier	C an..6	R	Continuous position number within the message
C212	ITEM NUMBER IDENTIFICATION	C	D	This composite is only used for the identification of GS1 codes. If another coding structure is required, e.g. HIBC, this composite will not be used and the code will be detailed in the PIA segment.
7140	Item identifier	C an..35	R	Format n..14 GTIN - this is the number of the article being despatched. Format n..14
7143	Item type identification code	C an..3	R	* SRV = GS1 Global Trade Item Number

Segment Notes:

This segment is used to identify the line item being despatched.
If Global Trade Item Numbers are available it is mandatory to use GTIN within the LIN segment.

Example:

LIN+1++5412345123453:SRV'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 28

SG10	- M	9999 - CPS-SG11-SG17			
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22			
PIA	- C	10 - Additional product id			
Function:					
To specify additional or substitutional item identification codes.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
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		
7143	Item type identification code	C an..3	R		SA = Supplier's article number

Segment Notes:

This segment is used to specify the supplier's article number.

Example:

PIA+1+8764896:SA'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 29

SG10	- M	9999 - CPS-SG11-SG17		
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22		
PIA	- D	10 - Additional product id		
Function:				
To specify additional or substitutional item identification codes.				
		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
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	
7143	Item type identification code	C an..3	R	HS = Harmonised system

Segment Notes:

This segment is used to declare the number of the harmonised system, which is needed for ICTS (INTRASTAT).

Example:

PIA+1+24011085:HS'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 30

SG10	- M	9999 - CPS-SG11-SG17	
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22	
IMD	- O	25 - Item description	
Function:			
To describe an item in either an industry or free format.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
7077	Description format code	C an..3	R * F = Free-form
C272	ITEM CHARACTERISTIC	C	O
7081	Item characteristic code	C an..3	R ANM = Article name (GS1 Temporary Code)
C273	ITEM DESCRIPTION	C	C
3055	Code list responsible agency code	C an..3	D 9 = GS1
7008	Item description	C an..256	O
7008	Item description	C an..256	O

Segment Notes:

This segment is used to describe the current line item.

Example:

IMD+F+ANM+::9:Energydrink:Winter-Edition'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 31

SG10	- M	9999 - CPS-SG11-SG17		
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22		
QTY	- M	10 - Quantity		
Function:				
To specify a pertinent quantity.				
		Standard	Implementation	
Tag	Name	St/Format	St	* Usage
C186	QUANTITY DETAILS	M	M	
6063	Quantity type code qualifier	M an..3	M	*
6060	Quantity	M an..35	M	
6411	Measurement unit code	C an..3	D	
12 = Despatch quantity				
PCE = Piece (GS1 Temporary Code)				

Segment Notes:

This segment is used to specify the quantity of the product identified in the LIN segment which is about to be, or, has been despatched.

Example:

QTY+12:15:PCE'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 32

SG10	- M	9999 - CPS-SG11-SG17			
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22			
ALI	- R	10 - Additional information			
Function:					
To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.					
Standard Implementation					
Tag	Name	St/Format	St	*	Usage
3239	Country of origin name code	C an..3	C		ISO 3166 two alpha country code

Segment Notes:

This segment is used to indicate special conditions related to the current line item, and the country of origin.

Example:

ALI+AT'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 33

SG10	- M	9999 - CPS-SG11-SG17	
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22	
SG22	- D	9999 - PCI-SG23	
PCI	- M	1 - Package identification	
Function:			
To specify markings and labels on individual packages or physical units.			
		Standard	Implementation
Tag	Name	St/Format	St * Usage
4233	Marking instructions code	C an..3	O 17 = Supplier's instructions

Segment Notes:

This segment is used to provide markings and labels information relevant to the product identified in the LIN segment.

Example:

PCI+17'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment number: 34

SG10	- M	9999 - CPS-SG11-SG17			
SG17	- M	9999 - LIN-PIA-IMD-QTY-ALI-SG22			
SG22	- D	9999 - PCI-SG23			
SG23	- D	10 - GIN			
GIN	- M	1 - Goods identity number			
Function:					
To give specific identification numbers, either as single numbers or ranges.					
Standard Implementation					
Tag	Name	St/Format	St	*	Usage
7405	Object identification code qualifier	M an..3	M	*	BN = Serial number
C208	IDENTITY NUMBER RANGE	M	M		
7402	Object identifier	M an..35	M		

Segment Notes:

This segment is used to provide identification numbers relevant to the current line item. For Products, which have a unique serial number, the serial number must be displayed in this segment. If this segment is in use, the quantity has to be one and the whole LIN segment must be repeated.

Example:

GIN+BN+16S0000126'

St = Status
EDIFACT: M=Mandatory, C=Conditional
User specific: R=Required, O=Optional, D=Dependent,
A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 35

UNT - M 1 - Message trailer					
Function: To end and check the completeness of a message.					
Notes: 1. 0062, the value shall be identical to the value in 0062 in the corresponding UNH segment.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
0074	Number of segments in a message	M n..10	M		The total number of segments in the message is detailed here.
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:

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

Example:

UNT+29+1'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used



Segment Details

Segment number: 36

UNZ - M 1 - Interchange trailer					
Function: To end and check the completeness of an interchange.					
Notes: 1. 0020, the value shall be identical to the value in 0020 in the corresponding UNB segment.					
		Standard	Implementation		
Tag	Name	St/Format	St	*	Usage
0036	Interchange control count	M n..6	M		Number of messages or functional groups within an interchange.
0020	Interchange control reference	M an..14	M		Identical to DE 0020 in UNB segment.

Segment Notes:

This segment is used to provide the trailer of an interchange.

DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.

Example:

UNZ+1+12345555'

St = Status
 EDIFACT: M=Mandatory, C=Conditional
 User specific: R=Required, O=Optional, D=Dependent,
 A=Advised, N=Not used, X=Not used

DESADV
Sample message

Despatch advice message



No	Tag	Example
01	UNA	UNA:+.?*
02	UNB	UNB+UNOC:4+9110019474691:14+4260197450002:14+20190102:1043+12345555+++ +++1'
03	UNH	UNH+1+DESADV:D:01B:UN:EAN007'
04	BGM	BGM+351+1200002+9'
05	DTM	DTM+137:20180105:102'
06	DTM	DTM+2:20180105:102'
07	DTM	DTM+17:20180105:102'
	SG1	
08	RFF	RFF+ON:90000123'
09	DTM	DTM+171:20181212:102'
	SG1	
10	RFF	RFF+DQ:1200002'
11	DTM	DTM+171:20190102:102'
	SG1	
12	RFF	RFF+AWT:333787548'
	SG2	
13	NAD	NAD+BY+4260197450002::9'
	SG3	
14	RFF	RFF+IT:15678914'
	SG2	
15	NAD	NAD+SU+9110019474691::9'
	SG3	
16	RFF	RFF+YC1:789432'
	SG2	
17	NAD	NAD+DP+4260197450019::9'
	SG3	
18	RFF	RFF+YC1:000'
	SG10	
19	CPS	CPS+1'
	SG11	
20	PAC	PAC+3++CT'
21	MEA	MEA+AAE+AAD+KGM:250'
	SG10	
22	CPS	CPS+2+1'
	SG11	
23	PAC	PAC+1++CT'
24	MEA	MEA+AAE+AAB+KGM:50'
	SG13	
25	PCI	PCI+33E'
	SG15	
26	GIN	GIN+BJ+354123450000000014'
	SG17	

No = Consecutive segment number

**Sample message**

No	Tag	Example
27	LIN	LIN+1++5412345123453:SRV'
28	PIA	PIA+1+8764896:SA'
29	PIA	PIA+1+24011085:HS'
30	IMD	IMD+F+ANM+.:9:Energydrink:Winter-Edition'
31	QTY	QTY+12:15:PCE'
32	ALI	ALI+AT'
	SG22	
33	PCI	PCI+17'
	SG23	
34	GIN	GIN+BN+16S0000126'
35	UNT	UNT+29+1'
36	UNZ	UNZ+1+12345555'

No = Consecutive segment number