EDI-Recommendations UPSTREAM of GS1 Germany Version 1.1

Despatch Advice (DESADV)

EANCOM 2002 Syntax 3

Einführung

Introduction

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

The basis of this elaboration is the international standard EANCOM® 2002. The message type DESADV 008 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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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.

This brochure offers different ways to start

Introduction
"Introduction" contains a short description of the respective message.

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

Diagram
"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.

Structure
"Structure", 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).

Segmentlayout
"Segmentlayout", an illustration that has been chosen to match the business terms (data from the inhouse application) with the elements from the EANCOM® syntax.

Codes
"Codes" contains a list of the codes used in the message.

Einführung

Examples
"Examples", 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.

Print
"Print" opens the PDF documentation for the corresponding message.

Message structure

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

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

Summary section
The summary section is for syntactical reasons only.

Business Terms

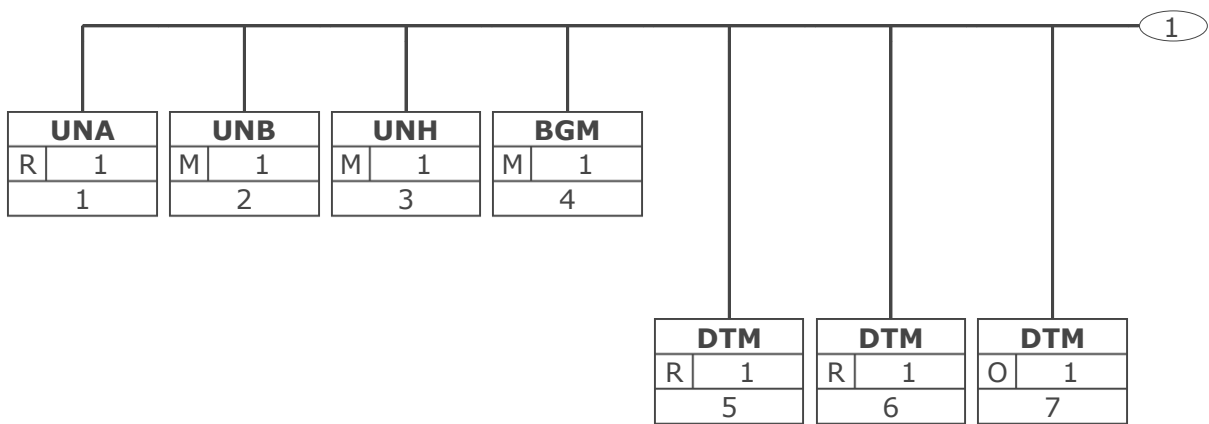| Business Term	EANCOM-Segment			Data Element	
	Seg.-No.	Segment	SG	DEG	DE
Acknowledgement request	2	UNB			0031
Address for reverse routing	2	UNB		S002	0008
Application reference	2	UNB			0026
Awarded with expiration date	48	PCI	SG10#2\SG17#1\SG22#3		4233
Batch number	39	PIA	SG10#2\SG17#1	C212	7140
Best before date	45	DTM	SG10#2\SG17#1\SG22#1	C507	2380
Buyers article number	38	PIA	SG10#2\SG17#1	C212	7140
Buyers order number	9	RFF	SG1#1	C506	1154
Buyers order number (Detail section articles)	42	RFF	SG10#2\SG17#1\SG18#1	C506	1154
Character set	2	UNB		S001	0001
Component data element separator	1	UNA			UNA1
Country of receiver, coded	18	NAD	SG2#3		3207
Creation date	5	DTM		C507	2380
Data element separator	1	UNA			UNA2
Date of production indicated on the packaging	46	PCI	SG10#2\SG17#1\SG22#2		4233
Decimal notation	1	UNA			UNA3
Delivered quantity	40	QTY	SG10#2\SG17#1	C186	6060
Delivery date	6	DTM		C507	2380
Delivery note	12	RFF	SG1#4	C506	1154
Delivery party additional identification	19	RFF	SG2#3\SG3#1	C506	1154
Delivery party identification	18	NAD	SG2#3	C082	3039
Delivery schedule number	13	RFF	SG1#5	C506	1154
Despatch date	7	DTM		C507	2380
Document Number	4	BGM		C106	1004
EANCOM	2	UNB			0032
End of the transmission file, Number of messages or message groups	51	UNZ			0036
Expiry date	49	DTM	SG10#2\SG17#1\SG22#3	C507	2380
File creation date	2	UNB		S004	0017
File creation time	2	UNB		S004	0019
Free goods quantity	41	QTY	SG10#2\SG17#1	C186	6060
Freight forwarder	24	NAD	SG2#6	C082	3039
Freight forwarders additional identification	25	RFF	SG2#6\SG3#1	C506	1154
Global Returnable Asset Identifier (GRAI) (despatch units/articles)	35	GIN	SG10#2\SG11#1\SG13#2\SG15#1	C208	7402

Business Terms

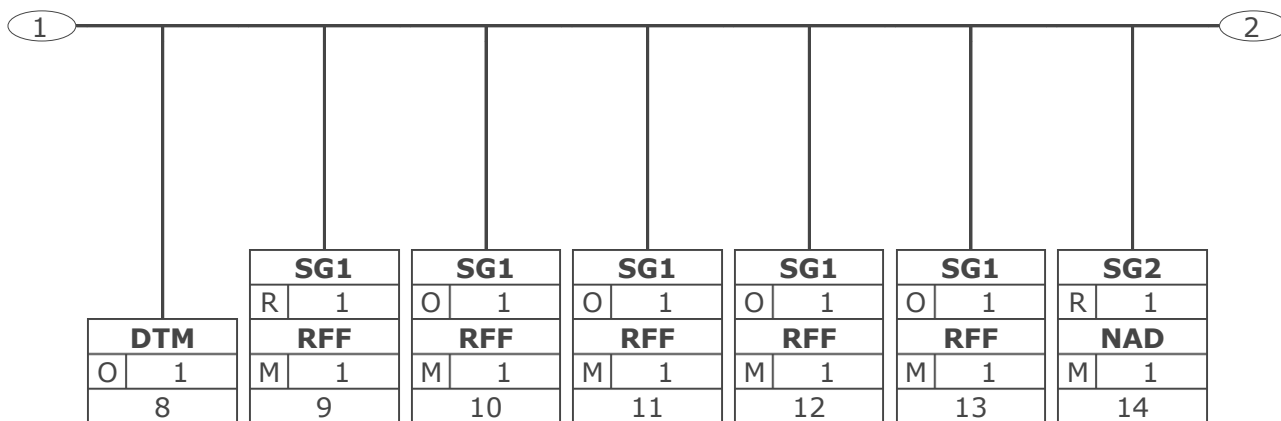| Business Term		EANCOM-Segment		Data Element	
	Seg.-No.	Segment	SG	DEG	DE
GTIN article number	36	LIN	SG10#2\SG17#1	C212	7140
Hierarchy level (despatch units / articles)	29	CPS	SG10#2		7166
Identification of buyer	14	NAD	SG2#1	C082	3039
Identification of invoicee	20	NAD	SG2#4	C082	3039
Identification of ship from place	26	NAD	SG2#7	C082	3039
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	51	UNZ			0020
Invoicees additional identification	21	RFF	SG2#4\SG3#1	C506	1154
Line item number	36	LIN	SG10#2\SG17#1		1082
Line item reference (line level)	43	RFF	SG10#2\SG17#1\SG18#2	C506	1154
Marking with GRAI (despatch units/articles)	34	PCI	SG10#2\SG11#1\SG13#2		4233
Marking with SSCC (despatch units / articles)	32	PCI	SG10#2\SG11#1\SG13#1		4233
Message reference number	3	UNH			0062
Minimum durability date on the packaging	44	PCI	SG10#2\SG17#1\SG22#1		4233
Name 1 of the receiver	18	NAD	SG2#3	C080	3036
Name 2 of the receiver	18	NAD	SG2#3	C080	3036
Name 3 of the receiver	18	NAD	SG2#3	C080	3036
Number of layers (sandwich pallet)	31	MEA	SG10#2\SG11#1	C502	6313
Number of packages (Consignment)	28	PAC	SG10#1\SG11#1		7224
Number of packages (despatch units / articles)	30	PAC	SG10#2\SG11#1		7224
Order line item number	42	RFF	SG10#2\SG17#1\SG18#1	C506	1156
Password interchange	2	UNB		S005	0022
Pick up place additional identification	23	RFF	SG2#5\SG3#1	C506	1154
Pick up place identification	22	NAD	SG2#5	C082	3039
Pick-up date	8	DTM		C507	2380
Place of receiver - name of a city (town, village) for adressing purposes.	18	NAD	SG2#3		3164
Postcode of receiver	18	NAD	SG2#3		3251

Business Terms

Business Term	Seg.-No.	Segment	SG	DEG	DE
Production/manufacturing date	47	DTM	SG10#2\SG17#1\SG22#2	C507	2380
Release character	1	UNA			UNA4
Reserved for future use	1	UNA			UNA5
Routing address	2	UNB		S003	0014
Segment terminator	1	UNA			UNA6
Sequence of packages within the consignment	27	CPS	SG10#1		7164
Sequence of the packages (despatch units / articles)	29	CPS	SG10#2		7164
Serial Shipping Container Code (SSCC at article)	33	GIN	SG10#2\SG11#1\SG13#1\SG15#1	C208	7402
Statements on business letters	16	RFF	SG2#2\SG3#1	C506	1154
Street and number of receiver	18	NAD	SG2#3	C059	3042
Supplier identification	15	NAD	SG2#2	C082	3039
Suppliers additional identification	17	RFF	SG2#2\SG3#2	C506	1154
Suppliers article number (secondary indent.)	37	PIA	SG10#2\SG17#1	C212	7140
Suppliers order number	10	RFF	SG1#2	C506	1154
Syntax version	2	UNB		S001	0002
Test indicator	2	UNB			0035
Total number of segments in the message	50	UNT			0074
Transport document number	11	RFF	SG1#3	C506	1154
Unit of measurement	40	QTY	SG10#2\SG17#1	C186	6411
Unit of measurement	41	QTY	SG10#2\SG17#1	C186	6411

Liefermeldung

Branching Diagram

UNA	**UNB**	**UNH**	**BGM**			
R 1	M 1	M 1	M 1			
1	2	3	4			

DTM	**DTM**	**DTM**
R 1	R 1	O 1
5	6	7

①

Tag		Tag = Segment/Group Tag
St	MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
	No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Liefermeldung

Branching Diagram

	SG1	SG1	SG1	SG1	SG1	SG2
	R | 1	O | 1	O | 1	O | 1	O | 1	R | 1
DTM	RFF	RFF	RFF	RFF	RFF	NAD
O | 1	M | 1	M | 1	M | 1	M | 1	M | 1	M | 1
8	9	10	11	12	13	14

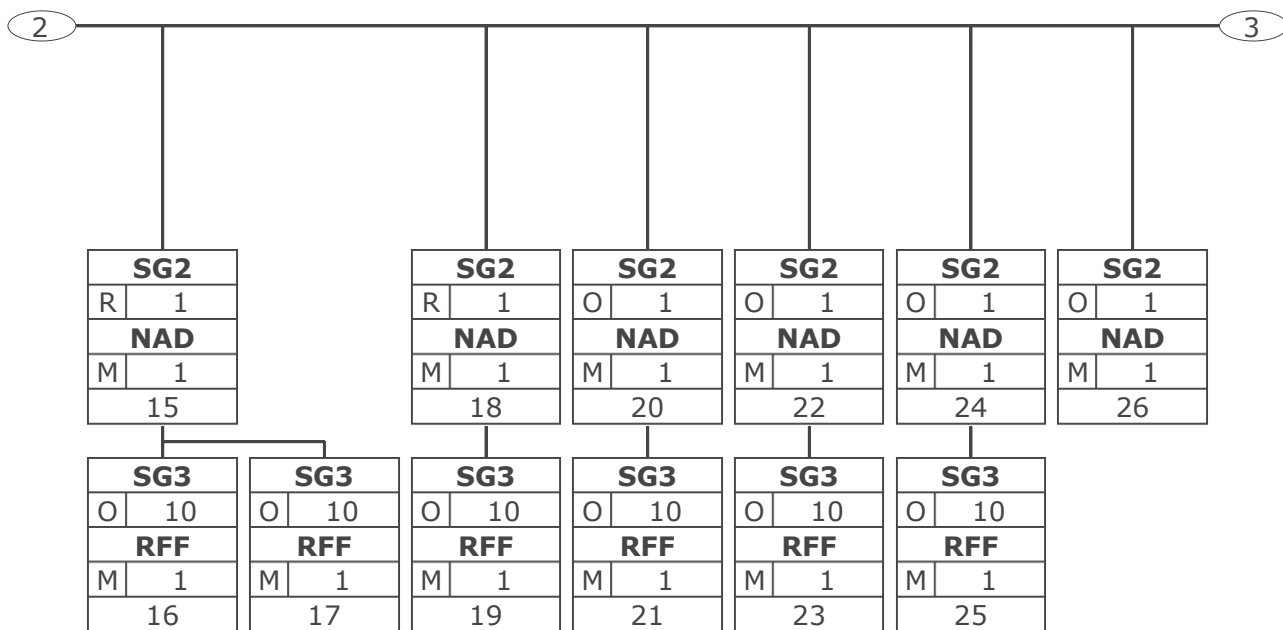| Tag	Tag = Segment/Group Tag
St | MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram

②					③

SG2		SG2	SG2	SG2	SG2	SG2

| **SG2** R 1 **NAD** M 1 15 | | **SG2** R 1 **NAD** M 1 18 | **SG2** O 1 **NAD** M 1 20 | **SG2** O 1 **NAD** M 1 22 | **SG2** O 1 **NAD** M 1 24 | **SG2** O 1 **NAD** M 1 26 |
| **SG3** O 10 **RFF** M 1 16 | **SG3** O 10 **RFF** M 1 17 | **SG3** O 10 **RFF** M 1 19 | **SG3** O 10 **RFF** M 1 21 | **SG3** O 10 **RFF** M 1 23 | **SG3** O 10 **RFF** M 1 25 | |

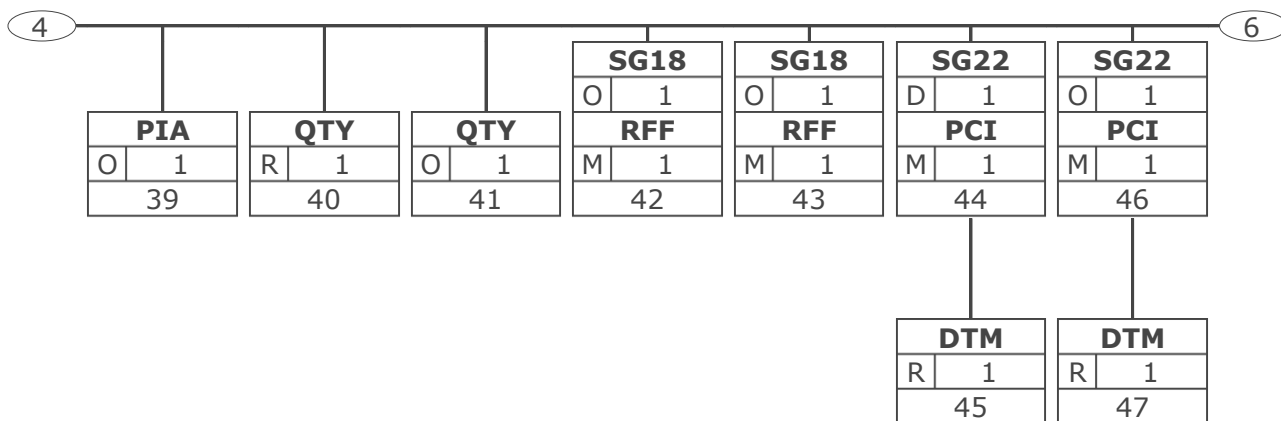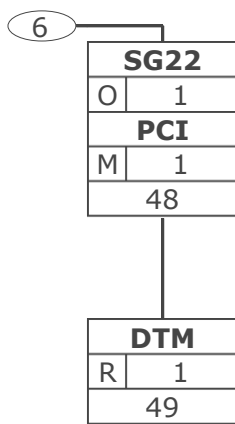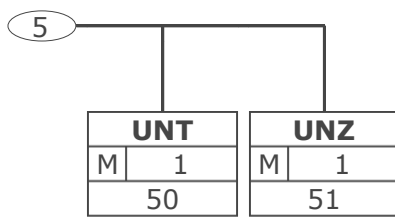| Tag	Tag = Segment/Group Tag
St | MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram

```
  ( 3 )────────────┬──────────────────────────────────────────────────( 5 )
                   │              │
          ┌────────┴──┐   ┌───────┴───┐
          │   SG10    │   │   SG10    │
          │ R │ 9999  │   │ R │ 9999  │
          │   CPS     │   │   CPS     │
          │ M │  1    │   │ M │  1    │
          │    27     │   │    29     │
          └───────────┘   └─────┬─────┘
                                │                              │
   ┌────────────┐   ┌───────────┴┐                   ┌─────────┴──┐
   │   SG11     │   │   SG11     │                   │   SG17     │
   │ R │  1     │   │ R │  1     │                   │ R │ 9999   │
   │   PAC      │   │   PAC      │                   │   LIN      │
   │ M │  1     │   │ M │  1     │                   │ M │  1     │
   │    28      │   │    30      │                   │    36      │
   └────────────┘   └─────┬──────┘                   └──────┬─────┘
                          │                                 │
              ┌───────────┼───────────┐          ┌──────────┴──────┐──────( 4 )
              │           │           │          │                 │
     ┌────────┴──┐ ┌──────┴────┐ ┌────┴──────┐   ┌────────┐   ┌─────────┐
     │           │ │   SG13    │ │   SG13    │   │        │   │         │
     │           │ │ R │ 1000  │ │ O │ 1000  │   │        │   │         │
     │   MEA     │ │   PCI     │ │   PCI     │   │  PIA   │   │  PIA    │
     │ O │  1    │ │ M │  1    │ │ M │  1    │   │ O │ 1  │   │ O │  1  │
     │    31     │ │    32     │ │    34     │   │   37   │   │   38    │
     └───────────┘ └─────┬─────┘ └─────┬─────┘   └────────┘   └─────────┘
                         │             │
                  ┌──────┴────┐ ┌──────┴────┐
                  │   SG15    │ │   SG15    │
                  │ R │  99   │ │ O │  99   │
                  │   GIN     │ │   GIN     │
                  │ M │  1    │ │ M │  1    │
                  │    33     │ │    35     │
                  └───────────┘ └───────────┘
```

Tag		Tag = Segment/Group Tag
St	MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
	No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram

			SG18	SG18	SG22	SG22
PIA	**QTY**	**QTY**	O | 1	O | 1	D | 1	O | 1
O | 1	R | 1	O | 1	**RFF**	**RFF**	**PCI**	**PCI**
39	40	41	M | 1	M | 1	M | 1	M | 1
			42	43	44	46

					DTM	**DTM**
					R | 1	R | 1
					45	47

Tag	Tag = Segment/Group Tag
St | MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram

```
  ⬭6⬯
        ┌─────────────┐
        │    SG22     │
        ├───┬─────────┤
        │ O │    1    │
        ├───┴─────────┤
        │    PCI      │
        ├───┬─────────┤
        │ M │    1    │
        ├───┴─────────┤
        │      48     │
        └──────┬──────┘
               │
        ┌──────┴──────┐
        │    DTM      │
        ├───┬─────────┤
        │ R │    1    │
        ├───┴─────────┤
        │      49     │
        └─────────────┘
```

Tag		Tag = Segment/Group Tag
St	MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
	No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Branching Diagram

```
 ┌───┐
( 5 )───────────┬───────────────┐
 └───┘          │               │
          ┌───────────┐   ┌───────────┐
          │    UNT    │   │    UNZ    │
          ├───┬───────┤   ├───┬───────┤
          │ M │   1   │   │ M │   1   │
          ├───┴───────┤   ├───┴───────┤
          │    50     │   │    51     │
          └───────────┘   └───────────┘
```

Tag		Tag = Segment/Group Tag
St	MaxOcc	St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
	No	MaxOcc = Maximum occurrence of the segment/group; No = Consecutive segment number

Liefermeldung

Message Structure

Seg.	No.	Status	Max Occ	Segment
UNA	1	R	1	Used character set
UNB	2	M	1	Beginning of transmission file
Heading section				
UNH	3	M	1	Beginn of message
BGM	4	M	1	Document type
DTM	5	R	1	Creation date
DTM	6	R	1	Delivery date
DTM	7	O	1	Despatch date
DTM	8	O	1	Pick-up date
SG1		R	1	RFF-DTM
RFF	9	M	1	Buyers order number
SG1		O	1	RFF-DTM
RFF	10	M	1	Suppliers order number
SG1		O	1	RFF-DTM
RFF	11	M	1	Transport document number
SG1		O	1	RFF-DTM
RFF	12	M	1	Delivery note
SG1		O	1	RFF-DTM
RFF	13	M	1	Delivery schedule number
SG2		R	1	NAD-LOC-SG3-SG4
NAD	14	M	1	Identification of buyer
SG2		R	1	NAD-LOC-SG3-SG4
NAD	15	M	1	Supplier identification
SG3		O	10	RFF
RFF	16	M	1	Statements on business letters
SG3		O	10	RFF
RFF	17	M	1	Suppliers additional identification
SG2		R	1	NAD-LOC-SG3-SG4
NAD	18	M	1	Delivery party identification
SG3		O	10	RFF
RFF	19	M	1	Delivery party additional identification
SG2		O	1	NAD-LOC-SG3-SG4
NAD	20	M	1	Identification of invoicee
SG3		O	10	RFF
RFF	21	M	1	Invoicees additional identification
SG2		O	1	NAD-LOC-SG3-SG4
NAD	22	M	1	Pick up place identification
SG3		O	10	RFF
RFF	23	M	1	Pick up place additional identification
SG2		O	1	NAD-LOC-SG3-SG4
NAD	24	M	1	Identification of the freight forwarder
SG3		O	10	RFF
RFF	25	M	1	Freight forwarders additional identification
SG2		O	1	NAD-LOC-SG3-SG4
NAD	26	M	1	Identification of the ship from place
Detail section consignment				
SG10		R	9999	CPS-FTX-SG11-SG17

Max. Occ. = Maximum occurrence of the segment/group, Status: M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent

Message Structure

Seg.	No.	Status	Max Occ	Segment
CPS	27	M	1	Sequence of packages within the consignment
SG11		R	1	PAC-MEA-QTY-SG12-SG13
PAC	28	M	1	Number of packages
Detail section despatch units / articles				
SG10		R	9999	CPS-FTX-SG11-SG17
CPS	29	M	1	Hierarchy level
SG11		R	1	PAC-MEA-QTY-SG12-SG13
PAC	30	M	1	Number of packages
MEA	31	O	1	Sandwich pallet
SG13		R	1000	PCI-RFF-DTM-SG15
PCI	32	M	1	Marking with SSCC
SG15		R	99	GIN
GIN	33	M	1	Serial Shipping Container Code (SSCC)
SG13		O	1000	PCI-RFF-DTM-SG15
PCI	34	M	1	Marking with GRAI
SG15		O	99	GIN
GIN	35	M	1	GRAI of despatch unit/s /articles
SG17		R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
LIN	36	M	1	GTIN article number
PIA	37	O	1	Suppliers article number
PIA	38	O	1	Buyers article number
PIA	39	O	1	Batch number
QTY	40	R	1	Delivered quantity
QTY	41	O	1	Free goods quantity
SG18		O	1	RFF-DTM
RFF	42	M	1	Buyers order number
SG18		O	1	RFF-DTM
RFF	43	M	1	Order indicator (Line item reference)
SG22		D	1	PCI-DTM-MEA-QTY-SG23-SG24
PCI	44	M	1	Package specification of the minimum durability date
DTM	45	R	1	Best before date
SG22		O	1	PCI-DTM-MEA-QTY-SG23-SG24
PCI	46	M	1	Date of production/manufacturing indicated on the packaging
DTM	47	R	1	Production/manufacturing date
SG22		O	1	PCI-DTM-MEA-QTY-SG23-SG24
PCI	48	M	1	indication of the expiry date on the packaging
DTM	49	R	1	Expiry date
UNT	50	M	1	End of message
UNZ	51	M	1	End of the transmission file

Segment Layout

No. Seg		St Max. Occ.				
1 **UNA** R 1 Service string advice						
To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.						
Business Term	DE	EDIFACT	Format	St	*	Description
Component data element separator	UNA1	Component data element separator	an1	M		Default value: ":"
Data element separator	UNA2	Data element separator	an1	M		Default value: "+"
Decimal notation	UNA3	Decimal notation	an1	M		Default value: "."
Release character	UNA4	Release indicator	an1	M		Default value: "?"
Reserved for future use	UNA5	Reserved for future use	an1	M		(Default value: space)
Segment terminator	UNA6	Segment terminator	an1	M		Default value: " ' "

Segmentstatus: Mandatory

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.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

No. Seg		St Max. Occ.				
2	**UNB** M 1		Interchange header			
	To start, identify and specify an interchange.					
Business Term	DE	EDIFACT	Format	St	*	Description
	S001	Syntax identifier		M		
Character set	0001	Syntax identifier	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	Syntax version number	n1	M	*	3 Version 3
	S002	Interchange sender		M		
Indentification of the sender of the transmission file	0004	Sender identification	an..35	M		= Global Location Number (GLN)
	0007	Partner identification code qualifier	an..4	R	*	14 GS1
Address for reverse routing	0008	Address for reverse routing	an..14	O		See note
	S003	Interchange recipient		M		
Indentification of the receiver of the transmission file	0010	Recipient identification	an..35	M		= Global Location Number (GLN)
	0007	Partner identification code qualifier	an..4	R	*	14 GS1
Routing address	0014	Routing address	an..14	O		See note
	S004	Date/time of preparation		M		
File creation date	0017	Date of preparation	n6	M		= Dateformat JJMMTT
File creation time	0019	Time of preparation	n4	M		= Timeformat HHMM
Interchange control reference, beginnig	0020	Interchange control reference	an..14	M		= Unique senders reference
	S005	Recipient's reference, password		O		
Password interchange	0022	Recipient's reference/ password	an..14	M		
	0025	Recipient's reference/ password qualifier	an2	O	*	AA Reference BB Password
Application reference	0026	Application reference	an..14	O		Message type if the transmission fole contains only one message type
	0029	Processing priority code	a1	O	*	A Highest priority
Acknowledgement request	0031	Acknowledgement request	n1	O		
EANCOM	0032	Communications agreement ID	an..35	R		= EANCOM... EDIFACT subset identification (see note)
Test indicator	0035	Test indicator	n1	O	*	1 Interchange is a test

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Segmentstatus: Mandatory

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+181013:10 43+4711+REF:AA++++EANCOM+1'`
The EANCOM file 4711 dated 13.10.2018, 10 h 43 is sent by the issuer identified with GLN 4012345000009 to the receiver identified with GLN 4000004000002.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section
Heading section

No. Seg		St	Max. Occ.			
3 **UNH**		M 1		Message header		
To head, identify and specify a message.						

Business Term	DE	EDIFACT	Format	St	*	Description
Message reference number	0062	Message reference number	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	Message identifier		M		
	0065	Message type	an..6	M	*	DESADV Despatch advice message
	0052	Message version number	an..3	M	*	D Draft version/ UN/EDIFACT Directory
	0054	Message release number	an..3	M	*	01B Release 2001 - B
	0051	Controlling agency	an..2	M	*	UN UN/CEFACT
	0057	Association assigned code	an..6	R	*	EAN008 GS1 version control number (GS1 Permanent Code)
Segmentstatus: Mandatory						
This segment is used to head, identify and specify a message.						
Example: `UNH+ME000001+DESADV:D:01B:UN:EAN008'` The reference number of the DESADV message is ME000001.						

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St	Max. Occ.				
4	**BGM**	M 1		Beginning of message			
	To indicate the type and function of a message and to transmit the identifying number.						

Business Term	DE	EDIFACT	Format	St	*	Description	
	C002	Document/message name		R			
	1001	Document name code	an..3	R	*	351 Despatch advice 345 Ready for despatch advice	
	1131	Code list identification code	an..17	N			
	3055	Code list responsible agency code	an..3	N			
	1000	Document name	an..35	O			
	C106	Document/message identification		R			
Document Number	1004	Document identifier	an..35	R		Document number assigned by sender	
	1225	Message function code	an..3	R	*	9 Original	

Segmentstatus: Mandatory

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St	Max. Occ.				
5	**DTM**	R 1		Date/time/period			
	To specify date, and/or time, or period.						

Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	137 Document/ message date/ time
Creation date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM

Segmentstatus: Mandatory

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

Example: `DTM+137:20201020:102'`
      The message was created on the 20th of October 2020.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

	No. Seg	St Max. Occ.				
6	**DTM** R 1	Date/time/period				
	To specify date, and/or time, or period.					

Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	17 Delivery date/ time, estimated
Delivery date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM

Segmentstatus: Mandatory

Date on which goods have been/will be delivered.

This delivery date relates to the first delivery place.

Example: `DTM+17:20201028:102'`
        The estimated delivery date is the 28th of October 2020.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St Max. Occ.				
7 **DTM** O 1		Date/time/period				
To specify date, and/or time, or period.						
Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	11 Despatch date and/or time
Despatch date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM

Segmentstatus: Optional

Date on which good have been/will be despached

Example: `DTM+11:20201028:102'`
      The despatch date is the 28th of October 2020.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

	No. Seg		St Max. Occ.			
8	**DTM**	O 1	Date/time/period			
	To specify date, and/or time, or period.					

Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	200 Pick-up/collection date/time of cargo
Pick-up date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD 203 CCYYMMDDHHMM

Segmentstatus: Optional

This segment is used to specify, where required, requested dates concerning the delivery/pick up of the goods.

Example: `DTM+200:20181028:102'`
      This example requires the pick up of consignment on the 28th of October 2018.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Liefermeldung

Segment Layout

Heading section

No. Seg	St Max. Occ.		
SG1 R 1	RFF-DTM		
9 **RFF** M 1	Reference		
To specify a reference.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	ON Order number (buyer)
Buyers order number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

Note: SG1 may be repeated max. 10 times.

Example: `RFF+ON:4711'`

   The message references to buyers order number 4711.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section

No. Seg	St	Max. Occ.				
SG1	O 1		RFF-DTM			
10 **RFF**	M 1		Reference			
To specify a reference.						

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	VN Order number (supplier)
Suppliers order number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

In case of returns and movement between outlets this information is not available.

Note: SG1 may be repeated max. 10 times.

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.	
SG1	O 1		RFF-DTM
11 **RFF**	M 1		Reference

To specify a reference.

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	AAS Transport document number
Transport document number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

This document can be used to give a reference to the transport document number of the carrier or his agent.

Note: SG1 may be repeated max. 10 times.

Example: `RFF+AAS:4713'`
        The message references to transport document number 4713.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.		
SG1	O	1		RFF-DTM
12 **RFF**	M	1		Reference
To specify a reference.				

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	DQ Delivery note number
Delivery note	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

This indication is valid for all articles of the entire despatch advice and can be overwritten in the detail-section.

Note: SG1 may be repeated max. 10 times.

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Liefermeldung

Segment Layout

Heading section

No. Seg	St	Max. Occ.	
SG1	O 1		RFF-DTM
13 **RFF**	M 1		Reference

To specify a reference.

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	AAN Delivery schedule number
Delivery schedule number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

This segment can be used to indicate the delivery schedule number, which has been announced with the ORDER message. It helps to allocate the receipt of goods.

Note: SG1 may be repeated max. 10 times.

Example: `RFF+AAN:4715'`

The message references to delivery schedule number 4715.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section

No. Seg	St	Max. Occ.	
SG2	R 1		NAD-LOC-SG3-SG4
14 **NAD**	M 1		Name and address

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	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	BY Buyer
	C082	Party identification details		R		
Identification of buyer	3039	Party identifier	an..35	M		Global Location Number (GLN)- Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1

Segmentstatus: Mandatory

The buyer is identified by GLN.

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section

No. Seg		St	Max. Occ.				
SG2		R	1	NAD-LOC-SG3-SG4			
15	**NAD**	M	1	Name and address			

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	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	SU Supplier
	C082	Party identification details		A		
Supplier identification	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1
	C058	Name and address		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	an..35	M		
	3124	Name and address description	an..35	O		
	3124	Name and address description	an..35	O		
	3124	Name and address description	an..35	O		
	3124	Name and address description	an..35	O		

Segmentstatus: Mandatory

The supplier is identified by GLN.

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St	Max. Occ.				
SG2		R	1	NAD-LOC-SG3-SG4			
SG3		O	10	RFF			
16 **RFF**		M	1	Reference			
To specify a reference.							

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	GN Government reference number
Statements on business letters	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St	Max. Occ.				
SG2		R	1	NAD-LOC-SG3-SG4			
SG3		O	10	RFF			
17 **RFF**		M	1	Reference			

To specify a reference.

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	YC1 Additional party identification (GS1 Temporary Code)
Suppliers additional identification	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section

No. Seg		St	Max. Occ.				
18	**SG2**	R	1	NAD-LOC-SG3-SG4			
	NAD	M	1	Name and address			

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

Segmentstatus: Mandatory

This NAD segment always identifies the first delivery place.

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

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

Segment Layout

Heading section

No. Seg	St	Max. Occ.		
SG2	R	1	NAD-LOC-SG3-SG4	
SG3	O	10	RFF	
19 **RFF**	M	1	Reference	

To specify a reference.

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	YC1 Additional party identification (GS1 Temporary Code)
Delivery party additional identification	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St Max. Occ.	
SG2	O 1	NAD-LOC-SG3-SG4
20 **NAD**	M 1	Name and address

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	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	IV Invoicee
	C082	Party identification details		R		
Identification of invoicee	3039	Party identifier	an..35	M		Global Location Number (GLN)- Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1

Segmentstatus: Optional

The invoicee is identified by GLN if not identical with buyer.

Example: `NAD+IV+4071615111235::9'`
    Invoicee is identified by GLN 4071615111235.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St	Max. Occ.				
SG2		O	1	NAD-LOC-SG3-SG4			
SG3		O	10	RFF			
21	**RFF**	M	1	Reference			
	To specify a reference.						

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	YC1 Additional party identification (GS1 Temporary Code)
Invoicees additional identification	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.	
SG2	O	1	NAD-LOC-SG3-SG4
22 **NAD**	M	1	Name and address

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	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	PW Despatch party
	C082	Party identification details		R		
Pick up place identification	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1

Segmentstatus: Optional

The existence of this segment indicates the pick up of goods by a third party.

The collection place is identified by Global Location Number (GLN).

Example: `NAD+PW+4071615111250::9'`
　　　　The collection place is identified by GLN 4071615111250.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg	St	Max. Occ.	
SG2	O	1	NAD-LOC-SG3-SG4
SG3	O	10	RFF
23 **RFF**	M	1	Reference
To specify a reference.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	YC1 Additional party identification (GS1 Temporary Code)
Pick up place additional identification	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section

No. Seg		St	Max. Occ.	
SG2	O	1		NAD-LOC-SG3-SG4
24 **NAD**	M	1		Name and address

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	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	FW Freight forwarder
	C082	Party identification details		R		
Freight forwarder	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1

Segmentstatus: Optional

The freight forwarder is identified by GLN.

Example: `NAD+FW+4154321000005::9'`
    The freight forwarder is identified by GLN 4154321000005.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Heading section

No. Seg	St	Max. Occ.	
SG2	O	1	NAD-LOC-SG3-SG4
SG3	O	10	RFF
25 **RFF**	M	1	Reference
To specify a reference.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	YC1 Additional party identification (GS1 Temporary Code)
Freight forwarders additional identification	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Heading section

No. Seg		St	Max. Occ.				
26	**SG2**	O	1	NAD-LOC-SG3-SG4			
	NAD	M	1	Name and address			

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	Format	St	*	Description
	3035	Party function code qualifier	an..3	M	*	SF Ship from
	C082	Party identification details		R		
Identification of ship from place	3039	Party identifier	an..35	M		Global Location Number (GLN) - Format n13
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	R	*	9 GS1

Segmentstatus: Optional

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

The ship from place could be specified if it differs from the supplier.

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section consignment

No. Seg		St	Max. Occ.	
27	**SG10**	R	9999	CPS-FTX-SG11-SG17
	CPS	M	1	Consignment packing sequence

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

Business Term	DE	EDIFACT	Format	St	*	Description
Sequence of packages within the consignment	7164	Hierarchical structure level identifier	an..35	M		Sequential numbering is recommended

Segmentstatus: Mandatory

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

This segment is used to identify the sequence in which packing of the consignment occurs, i.e. DE 7164 is increased by 1.

Note for the first occurence of SG 10:
Due to a unique message structure the first SG 10 (CPS+1) is always only used to indicate the number of packages of a consignment and its total weight and volume, even if the consignment consists of only one package.

Example: CPS+1'
       Sequence number one.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section consignment

No.	Seg	St	Max. Occ.					
	SG10	R	9999	CPS-FTX-SG11-SG17				
	SG11	R	1	PAC-MEA-QTY-SG12-SG13				
28	**PAC**	M	1	Package				

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

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

Segmentstatus: Mandatory

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Detail section despatch units / articles

No.	Seg	St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
29	**CPS**	M	1	Consignment packing sequence

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

Business Term	DE	EDIFACT	Format	St	*	Description
Sequence of the packages (despatch units / articles)	7164	Hierarchical structure level identifier	an..35	M		Sequential numbering is recommended
Hierarchy level (despatch units / articles)	7166	Hierarchical structure parent identifier	an..35	A		

Segmentstatus: Mandatory

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

This segment is used to provide the sequence of packages within the consignment, i.e. for each package astarts a new line level by use of the CPS segment and DE 7164 is increased by 1.

For example, if a shipment was described in the previous CPS segment (CPS+1), the individual layers could be displayed here in the case of a sandwich pallet. In case of a sandwich pallet, the lowest pallet would be the first layer (CPS+2+1), the second layer would be CPS+3+2, the third CPS+4+2, etc. If articles are to be described, group SG10 is followed immediately by group SG17.

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section despatch units / articles

No. Seg		St	Max. Occ.	
SG10	R	9999		CPS-FTX-SG11-SG17
SG11	R	1		PAC-MEA-QTY-SG12-SG13
30 **PAC**	M	1		Package

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

Business Term	DE	EDIFACT	Format	St	*	Description
Number of packages (despatch units / articles)	7224	Package quantity	n..8	O		
	C531	Packaging details		A		
	7075	Packaging level code	an..3	N		
	7233	Packaging related description code	an..3	C		50 Package barcoded EAN-13 or EAN-8 52 Package barcoded UCC or EAN-128 78 Package bar-coded and EPC tagged (former 55E) 79 Package EPC tagged only (former 56E)

	7073	Packaging terms and conditions code	an..3	O		Exchange pallet:
						  27 Package exchangeable at the point of delivery
						Rented pallet:
						  24 Rented (former 4E)
						One way pallet:
						  XX4 No Exchange / No Return Pallet (GS1 Temporary Code)

	C202	Package type		O		
	7065	Package type description code	an..17	A		201 Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code) The use of any code value of this codes list is allowed.
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D	*	9 GS1 Code value 9 is only used if DE 7065 contains a GS1 code.

Segmentstatus: Mandatory

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section despatch units / articles

Example: `PAC+1+:52:27+201::9'`

This consignment line contains 1 EURO pallet.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Detail section despatch units / articles

No. Seg		St	Max. Occ.				
	SG10	R	9999	CPS-FTX-SG11-SG17			
31	**SG11**	R	1	PAC-MEA-QTY-SG12-SG13			
	MEA	O	1	Measurements			
	To specify physical measurements, including dimension tolerances, weights and counts.						

Business Term	DE	EDIFACT	Format	St	*	Description
	6311	Measurement purpose code qualifier	an..3	M	*	PD Physical dimensions (product ordered)
	C502	Measurement details		A		
Number of layers (sandwich pallet)	6313	Measured attribute code	an..3	A	*	LAY Number of layers (GS1 Temporary Code)
	6321	Measurement significance code	an..3	O		
	6155	Non-discrete measurement name code	an..17	N		
	6154	Non-discrete measurement name	an..70	N		
	C174	Value/range		R		
	6411	Measurement unit code	an..3	M	*	H87 Piece (Old code value: PCE)
	6314	Measurement value	an..18	O		

Segmentstatus: Optional

This segment is only used to indicate the number of layers of a sandwich pallet.

Example: `MEA+PD+LAY+:3'`
    The sandwich pallet has 3 layers.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Detail section despatch units / articles

No. Seg		St Max. Occ.			
	SG10	R 9999	CPS-FTX-SG11-SG17		
	SG11	R 1	PAC-MEA-QTY-SG12-SG13		
32	**SG13**	R 1000	PCI-RFF-DTM-SG15		
	PCI	M 1	Package identification		
	To specify markings and labels on individual packages or physical units.				

Business Term	DE	EDIFACT	Format	St	*	Description
Marking with SSCC (despatch units / articles)	4233	Marking instructions code	an..3	R	*	39 Marked with Serial Shipping Container Code (SSCC)

Segmentstatus: Mandatory

The PCI segment details markings with SSCC.

Example: `PCI+39'`
　　　　Package identification

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Detail section despatch units / articles

No.	Seg	St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG11	R	1	PAC-MEA-QTY-SG12-SG13
	SG13	R	1000	PCI-RFF-DTM-SG15
	SG15	R	99	GIN
33	**GIN**	M	1	Goods identity number

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

Business Term	DE	EDIFACT	Format	St	*	Description
	7405	Object identification code qualifier	an..3	M	*	AW Serial shipping container code (Old code value: BJ)
	C208	Identity number range		M		
Serial Shipping Container Code (SSCC at article)	7402	Object identifier	an..35	M		

Segmentstatus: Mandatory

This segment provides the SSCC to uniquely indentify individual packages.

Based on the guidelines for the creation of the GS1 transport label, it is recommended to specify a max. 20-digit batch number [an..20].

Example:`GIN+AW+340123450000000014'`
    The SSCC is 340123450000000014

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section despatch units / articles

No.	Seg	St	Max. Occ.		
	SG10	R	9999	CPS-FTX-SG11-SG17	
	SG11	R	1	PAC-MEA-QTY-SG12-SG13	
	SG13	O	1000	PCI-RFF-DTM-SG15	
34	**PCI**	M	1	Package identification	
	To specify markings and labels on individual packages or physical units.				

Business Term	DE	EDIFACT	Format	St	*	Description
Marking with GRAI (despatch units/articles)	4233	Marking instructions code	an..3	R	*	47 Marked with GS1 Global Returnable Asset Identifier (GRAI)

Segmentstatus: Optional
This segment is used to provide markings with GRAI.
Example: `PCI+47'`
Identification with GRAI

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Detail section despatch units / articles

No.	Seg	St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG11	R	1	PAC-MEA-QTY-SG12-SG13
	SG13	O	1000	PCI-RFF-DTM-SG15
	SG15	O	99	GIN
35	**GIN**	M	1	Goods identity number

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

Business Term	DE	EDIFACT	Format	St	*	Description
	7405	Object identification code qualifier	an..3	M		DA GS1 Global Returnable Asset Identifier, without serial number DB GS1 Global Returnable Asset Identifier, with serial number (former RAG)
	C208	Identity number range		M		
Global Returnable Asset Identifier (GRAI) (despatch units/articles)	7402	Object identifier	an..35	M		

Segmentstatus: Optional

This segment provides the GRAI. It may not be used to identify or track goods connected to the transport packaging and should therefore only be used in combination with SSCC.

Example: `GIN+DA+401234500003000125'`
 The GRAI is 401234500003000125

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg		St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
36	**LIN**	M	1	Line item
				To identify a line item and configuration.

Business Term	DE	EDIFACT	Format	St	*	Description
Line item number	1082	Line item identifier	an..6	R		Application generated number of the item lines within the message
	1229	Action request/ notification description code	an..3	N		
	C212	Item number identification		D		
GTIN article number	7140	Item identifier	an..35	R		GTIN, Format n..14
	7143	Item type identification code	an..3	R	*	SRV GS1 Global Trade Item Number

Status of segment group: Optional
Segmentstatus: Mandatory

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg	St	Max. Occ.					
SG10	R	9999	CPS-FTX-SG11-SG17				
SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25				
37 **PIA**	O	1	Additional product id				
			To specify additional or substitutional item identification codes.				

Business Term	DE	EDIFACT	Format	St	*	Description	
	4347	Product identifier code qualifier	an..3	M	*	1	Additional identification
	C212	Item number identification		M			
Suppliers article number (secondary indent.)	7140	Item identifier	an..35	R			
	7143	Item type identification code	an..3	R	*	SA	Supplier's article number
	1131	Code list identification code	an..17	N			
	3055	Code list responsible agency code	an..3	D	*	91	Assigned by supplier or supplier's agent

Segmentstatus: Optional
This segment is used to advise the suppliers article number additionally to GTIN.
Example: `PIA+1+7788:SA::91'`
The product with GTIN 4056786542381 is additionally identified with suppliers article number 7788.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg	St	Max. Occ.				
SG10	R	9999	CPS-FTX-SG11-SG17			
SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25			
38 **PIA**	O	1	Additional product id			
			To specify additional or substitutional item identification codes.			

Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	1 Additional identification
	C212	Item number identification		M		
Buyers article number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	IN Buyer's item number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	92 Assigned by buyer or buyer's agent

Segmentstatus: Optional

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg		St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
39	**PIA**	O	1	Additional product id
				To specify additional or substitutional item identification codes.

Business Term	DE	EDIFACT	Format	St	*	Description
	4347	Product identifier code qualifier	an..3	M	*	1 Additional identification
	C212	Item number identification		M		
Batch number	7140	Item identifier	an..35	R		
	7143	Item type identification code	an..3	R	*	NB Batch number
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	D	*	91 Assigned by supplier or supplier's agent

Segmentstatus: Optional

This segment can be used to indicate the batch number.

Based on the guidelines for the creation of the GS1 transport label, it is recommended to specify a max. 20-digit batch number [an..20].

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No.	Seg	St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
40	**QTY**	R	1	Quantity
	To specify a pertinent quantity.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C186	Quantity details		M		
	6063	Quantity type code qualifier	an..3	M	*	12 Despatch quantity
Delivered quantity	6060	Quantity	an..35	M		Note: Use only numeric values.
Unit of measurement	6411	Measurement unit code	an..3	C		All code values of the codes list are allowed.

Segmentstatus: Mandatory

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

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

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

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Segment Layout

Detail section articles

No. Seg	St	Max. Occ.	
SG10	R	9999	CPS-FTX-SG11-SG17
SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
41 **QTY**	O	1	Quantity

To specify a pertinent quantity.

Business Term	DE	EDIFACT	Format	St	*	Description
	C186	Quantity details		M		
	6063	Quantity type code qualifier	an..3	M	*	192 Free goods quantity
Free goods quantity	6060	Quantity	an..35	M		Note: Use only numeric values.
Unit of measurement	6411	Measurement unit code	an..3	C		All code values of the codes list are allowed.

Segmentstatus: Optional

This segment can be used to provide free goods quantity.

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

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

Example: `QTY+192:1'`
　　　　　1 piece without invoicing. (For example sample products)

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

	No. Seg		St	Max. Occ.					
	SG10		R	9999	CPS-FTX-SG11-SG17				
	SG17		R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25				
	SG18		O	1	RFF-DTM				
42	**RFF**		M	1	Reference				
	To specify a reference.								

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	ON Order number (buyer)
Buyers order number (Detail section articles)	1154	Reference identifier	an..70	R		
Order line item number	1156	Document line identifier	an..6	O		

Segmentstatus: Optional

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

Example: `RFF+ON:4811:7'`

The despatch advide refers to line 7 of buyers order number 4811.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section

No. Seg	St	Max. Occ.	
SG10	R	9999	CPS-FTX-SG11-SG17
SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
SG18	O	1	RFF-DTM
43 **RFF**	M	1	Reference

To specify a reference.

Business Term	DE	EDIFACT	Format	St	*	Description
	C506	Reference		M		
	1153	Reference code qualifier	an..3	M	*	LI Line item reference number
Line item reference (line level)	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

This RFF segment is used to indicate a line item reference relevant for the order line.

Example: `RFF+LI:7'`

The order line is based on line item reference 7.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg	St	Max. Occ.	
SG10	R	9999	CPS-FTX-SG11-SG17
SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
SG22	D	1	PCI-DTM-MEA-QTY-SG23-SG24
44 **PCI**	M	1	Package identification

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

Business Term	DE	EDIFACT	Format	St	*	Description
Minimum durability date on the packaging	4233	Marking instructions code	an..3	O		44 Marked with best before date To be used in conjunction with the following DTM segment.
	C210	Marks & labels		O		
	7102	Shipping marks description	an..35	M		
	7102	Shipping marks description	an..35	O		
	7102	Shipping marks description	an..35	O		

Segmentstatus: Depending - either minimum durability date or date of production must be indicated.

The packaging information indicates the minimum durability date, which the supplier has applied to the packaging.

Example: `PCI+44+1:1:1'`

  A minimum durability date is printed on the packaging.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg		St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
	SG22	D	1	PCI-DTM-MEA-QTY-SG23-SG24
45	**DTM**	R	1	Date/time/period
	To specify date, and/or time, or period.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	361 Best before date
Best before date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD

Segmentstatus: Depending - either minimum durability date or date of production must be indicated.

This segment can be used to provide the best before date.

Example: `DTM+361:20201231:102'`
          Best before date is the 31th of December 2020.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No.	Seg		St	Max. Occ.	
	SG10		R	9999	CPS-FTX-SG11-SG17
	SG17		R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
46	**SG22**		O	1	PCI-DTM-MEA-QTY-SG23-SG24
	PCI		M	1	Package identification
	To specify markings and labels on individual packages or physical units.				

Business Term	DE	EDIFACT	Format	St	*	Description
Date of production indicated on the packaging	4233	Marking instructions code	an..3	O		13 Mark date of production To be used in conjunction with the following DTM segment.
	C210	Marks & labels		O		
	7102	Shipping marks description	an..35	M		
	7102	Shipping marks description	an..35	O		
	7102	Shipping marks description	an..35	O		

Segmentstatus: Depending - either minimum durability date or date of production must be indicated.

The packaging information refers to the production/manufacturing date which the supplier has applied to the packaging.

Example: `PCI+13+1:1:1'`
The date of production/manufacturing is printed on the packaging.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg	St	Max. Occ.	
SG10	R	9999	CPS-FTX-SG11-SG17
SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
SG22	O	1	PCI-DTM-MEA-QTY-SG23-SG24
47 **DTM**	R	1	Date/time/period
			To specify date, and/or time, or period.

Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	94 Production/ manufacture date
Production/manufacturing date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD

Segmentstatus: Depending - either minimum durability date or date of production/manufacturing must be indicated.

This segment can be used to report the date of manufacture of the product.

Example: `DTM+94:20200930:102'`
      Production/manufacturing date is the 30th of September 2020.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg		St	Max. Occ.	
	SG10	R	9999	CPS-FTX-SG11-SG17
	SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25
	SG22	O	1	PCI-DTM-MEA-QTY-SG23-SG24
48	**PCI**	M	1	Package identification

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

Business Term	DE	EDIFACT	Format	St	*	Description
Awarded with expiration date	4233	Marking instructions code	an..3	O		43 Marked with expiry date To be used in conjunction with the following DTM segment.
	C210	Marks & labels		O		
	7102	Shipping marks description	an..35	M		
	7102	Shipping marks description	an..35	O		
	7102	Shipping marks description	an..35	O		

Segmentstatus: Optional

The packaging information refers to the expiry date which the supplier has applied to the packaging.

Example: `PCI+43+1:1:1'`
The date expiry date is printed on the packaging.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

Detail section articles

No. Seg		St	Max. Occ.				
	SG10	R	9999	CPS-FTX-SG11-SG17			
	SG17	R	9999	LIN-PIA-IMD-MEA-QTY-ALI-DLM-DTM-FTX-MOA-SG18-SG20-SG22-SG25			
49	**SG22**	O	1	PCI-DTM-MEA-QTY-SG23-SG24			
	DTM	R	1	Date/time/period			
				To specify date, and/or time, or period.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C507	Date/time/period		M		
	2005	Date or time or period function code qualifier	an..3	M	*	36 Expiry date
Expiry date	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R		102 CCYYMMDD

Segmentstatus: Optional

This segment can be used to provide the expiry date.

Example: `DTM+36:20201130:102'`
Expiry date is the 30th of November 2020.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

End of message

No. Seg		St	Max. Occ.				
50	**UNT**	M	1	Message trailer			

To end and check the completeness of a message.

Business Term	DE	EDIFACT	Format	St	*	Description
Total number of segments in the message	0074	Number of segments in the message	n..6	M		
	0062	Message reference number	an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment.

Segmentstatus: Mandatory

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

Number of segments in the message.

Example: `UNT+48+ME000001'`
       Number of segments in the message.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

Segment Layout

No. Seg	St	Max. Occ.		
51 **UNZ** M 1		Interchange trailer		
To end and check the completeness of an interchange.				

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

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.

Max. Occ. = Maximum Occurrence, St = Status, * = Restricted Codes
Status: M=Mandatory, R=Required, O=Optional, D=Dependent, A=Advised, N=Not used

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Used Codes

0001	Syntax identifier
	Coded identification of the agency controlling a syntax and syntax level used in an interchange.
	Notes:
	1. a3, upper case, Controlling Agency (e.g. UNO=UN/ECE) and a1 stating level (e.g. A) (which together give UNOA).
UNOA	UN/ECE level A
	As defined in the basic code table of ISO 646 with the exceptions of lower case letters, alternative graphic character allocations and national or application-oriented graphic character allocations.
UNOB	UN/ECE level B
	As defined in the basic code table of ISO 646 with the exceptions of alternative graphic character allocations and national or application-oriented graphic character allocations.
UNOC	UN/ECE level C
	As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.
UNOD	UN/ECE level D
	As defined in ISO/IEC 8859-2 : Information technology - Part 2: Latin alphabet No. 2.
UNOE	UN/ECE level E
	As defined in ISO/IEC 8859-5 : Information technology - Part 5: Latin/Cyrillic alphabet.
UNOF	UN/ECE level F
	As defined in ISO 8859-7 : Information processing - Part 7: Latin/Greek alphabet.
0002	Syntax version number
	Version number of the syntax identified in the syntax identifier (0001)
	Notes:
	1. Increments 1 for each version.
3	Version 3
	ISO 9735 Amendment 1:1992.
	GS1 Description:
	Syntax version number 3. This code can be used with all of the character sets (A, B, C, D, E and F).

Used Codes

0007	Partner identification code qualifier
	Qualifier referring to the source of codes for the identifiers of interchanging partners.
	Notes:
	1. Used with sender/recipient identification code.
14	GS1
	Partner identification code assigned by GS1, an international organization of GS1 Member Organizations that manages the GS1 System.

0025	Recipient's reference/password qualifier
	Qualifier for the recipient's reference or password.
	Notes:
	1. If specified in IA.
AA	Reference
	Recipient's reference/password is a reference.
BB	Password
	Recipient's reference/password is a password.

0029	Processing priority code
	Code determined by the sender requesting processing priority for the interchange.
	Notes:
	1. Used if specified in IA.
A	Highest priority
	Requested processing priority is the highest.

0031	Acknowledgement request
	Code determined by the sender for acknowledgement of the interchange.
	Notes:
	1. Set = 1 if sender requests acknowledgement, i.e. UNB and UNZ segments received and identified.
1	Requested
	Acknowledgement is requested.

0035	Test indicator
	Indication that the interchange is a test.
	Notes:
	1. Set = 1 if the interchange is a test. Otherwise not used.

Used Codes

1	Interchange is a test Indicates that the interchange is a test.

0051

Controlling agency

Code to identify the agency controlling the specification, maintenance and publication of the message type.

UN	UN/CEFACT United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT). GS1 Description: UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).

0052

Message version number

Version number of a message type.

Notes:
1. If UNG/UNE is used, shall be identical in UNG and UNE.
The representation of 0052 was specified as n..3 in version 1 of ISO 9735.

D	Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).

0054

Message release number

Release number within the current message type version number (0052).

Notes:
1. The representation of 0054 was specified as n..3 in version 1 of ISO 9735.

01B	Release 2001 - B Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).

0057

Association assigned code

A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.

EAN008	GS1 version control number (GS1 Permanent Code) Indicates that the message is an EANCOM message in version 008.

0065

Message type

Code identifying a type of message and assigned by its controlling agency.

Notes:
1. Type of message being transmitted.

Used Codes

DESADV	**Despatch advice message** A code to identify the despatch advice message. GS1 Description: A message specifying details for goods despatched or ready for despatch under agreed conditions. The United Nations Despatch Advice Message serves both as a specification for Delivery Despatch Advice and also as a Returns Despatch Advice message.

1001	**Document name code** Code specifying the document name.
345	**Ready for despatch advice** Document/message issued by a supplier informing a buyer that goods ordered are ready for despatch.
351	**Despatch advice** Document/message by means of which the seller or consignor informs the consignee about the despatch of goods.

1131	**Code list identification code** Code identifying a user or association maintained code list. Notes: 1. The codes for this data element are provided by the code list responsible agency defined in data element 3055.
23	**Clearing house automated payment** Self explanatory. Notes: This code value will be removed effective with directory D.04A. GS1 Description: Banking community' automated payment clearing system.
25	**Bank identification** Code for identification of banks. Notes: This code value will be removed effective with directory D.04A.
106	**Incoterms 1980** (4110) Code to indicate applicable Incoterm (1980 edition) under which seller undertakes to deliver merchandise to buyer (ICC). Incoterms 1990: use 4053 only. Notes: This code value will be removed effective with directory D.04A.

Used Codes

132	Charge
	Identification of a type of charge.
	Notes:
	This code value will be removed effective with directory D.04A.
154	Bank branch sorting identification
	Identification of a specific branch of a bank.
	Notes:
	This code value will be removed effective with directory D.04A.
157	Clearing code
	Identification of the responsible bank/clearing house which has cleared or is ordered to do the clearing.
	Notes:
	This code value will be removed effective with directory D.04A.
166	Social security identification
	Code assigned by the authority competent to issue social security identification to identify a person.
	Notes:
	This code value will be removed effective with directory D.04A.
174	Citizen identification
	Self explanatory.
	Notes:
	This code value will be removed effective with directory D.04A.
	GS1 Description:
	Code issued by national authority competent to issue citizen identification to identify a person.
1E	Incoterms 1990 (GS1 Temporary Code)
	Incoterms 1990 as published by the International Chamber of Commerce (ICC).
2E	Incoterms 2000 (GS1 Temporary Code)
	Incoterms 2000 as published by the International Chamber of Commerce (ICC).
3E	Incoterms 2010 (GS1 Temporary Code)
	Incoterms 2010 as published by the International Chamber of Commerce (ICC).
ADR	Accord Europeen au transport international dangereuses (GS1 Temporary Code)
	A European agreement concerning the international carriage of dangerous goods by road.

Used Codes

Used Codes

BR	Brand (GS1 Temporary Code)	An identifying mark or label on the products of a particular company, or the kind or make of a commodity.
CA	Category (GS1 Temporary Code)	A class or division in a scheme of classification.
CO	Colour (GS1 Temporary Code)	Description of the colour required/available on the goods.
FL	Flavor (GS1 Temporary Code)	The characteristic quality of goods.
HMT	Hazardous material standard text (GS1 Temporary Code)	Code indicating agreed standard text on hazardous materials.
LOC	Location Code (GS1 Temporary Code)	This is a code to indicate where the EAS tag is located on the Trade Item. Values include On outside of Trade Item, Concealed inside Trade Item, Integrated Inside Trade Item.
OAG	Organic Claim Agency (GS1 Temporary Code)	A governing body that creates and maintain standards related to organic products.
OCO	Organic Trade Item Code (GS1 Temporary Code)	Used to indicate the organic status of a trade item or of one or more of its components.
OUM	Ordering unit of measure (GS1 Temporary Code)	The alternate Unit of Measure of how Trade Items are ordered by the Retailer under one Unit of Measure, but sold under another Unit of Measure.
SKB	SKRS recommendation (GS1 Temporary Code)	SKRS recommendation for standard clothes hanger.
SRN	Service relation number (GS1 Temporary Code)	A number used to identify a database entry which records recurring services, e.g., treatment of a patient in a hospital, usage by a member of a library facilities, etc.
ST	Style (GS1 Temporary Code)	Specific or characteristic design in any goods.
SUM	Selling unit of measure (GS1 Temporary Code)	Describes the measurement used for selling unit of the Trade Item to the end consumer.
SZ	Size (GS1 Temporary Code)	Any of a series of graded classifications of measure into which goods are divided.

Used Codes

SZG	Size Group (GS1 Temporary Code)	
	A description of the variable size that is necessary to uniquely specify the size of the item in conjunction with the nonpackaged size dimension.	
TYP	Type Code (GS1 Temporary Code)	
	This is a code to indicate the type of EAS tag located on the Trade Item. Values include Acousto-Magnetic, Electro-Magnetic, Ink or dye, Microwave, Radio Frequency.	
X11	Diet Allergen (GS1 Temporary Code)	
	Indication of which dietary or allergen marks that are on the package.	
X12	Environment (GS1 Temporary Code)	
	Indication of which environmental marks (e.g. recycling schemes) that are on trade item package.	
X13	Ethical (GS1 Temporary Code)	
	Indication of which ethical trading marks that are on the package.	
X14	Free Form (GS1 Temporary Code)	
	Indication of which free-from marks that are on the package.	
X15	Expiration date (GS1 Temporary Code)	
	Indicates the type of expiration date marked on the packaging.	
X16	Nesting Direction (GS1 Temporary Code)	
	Depicts the arrangement of two items that nest together specifically whether they nest against each other or on top of each other.	
X17	Package Marks Hygienic (GS1 Temporary Code)	
	Indication of which hygiene markings are present in the product package	
X18	Hazardous Components are Removable (GS1 Temporary Code)	
	An indicator if any hazardous components contained within the trade item can easily be separated from the other materials to facilitate product recycling.	
X19	Trade Item Has Refuse Obligations (GS1 Temporary Code)	
	Indicates if there are special disposal obligations that apply to the trade item for example INTRASTAT.	
X20	Trade Item Is Designed for Easy Disassembly (GS1 Temporary Code)	
	Indicates that the trade item is designed for easy disassembly by recycling facilities using standard industry tools.	
X21	Trade Item Is Rigid Plastic Packaging Container (GS1 Temporary Code)	
	Indicates that a product is or is contained in a Rigid Plastic Packaging Container (RPPC) as defined by laws in the target market.	
X22	Trade Item Is ROHS Compliant (GS1 Temporary Code)	
	Indicates if the product is compliant with the European Union RoHS Directive.	
X23	Trade Item Is Universal Waste (GS1 Temporary Code)	
	Indicates if a product can be considered universal waste.	

Used Codes

X24	Trade Item Is Consumer Upgradeable Or Maintainable (GS1 Temporary Code)
	Indicates if a product can be easily upgraded or have parts replaced by the consumer.
X25	Trade Item Contains Short Chain Chlorinated Paraffins (GS1 Temporary Code)
	Indicate if the trade item and/or its components contain paints, coatings, plastics or other materials containing short chain chlorinated paraffins (SCCPs).
X26	Trade Item Contains Pesticide (GS1 Temporary Code)
	Indicates if the trade item is advertised or labelled as a chemical or contains a chemical that is advertised or labelled to kill, repel or prevent the growth of any living organism.
X27	Trade Item Contains Propellant (GS1 Temporary Code)
	Indicates if a trade item contains a compressed gas or propellant.
X28	Trade Item Contains Polyvinyl Chloride (GS1 Temporary Code)
	Indicate if product contains Polyvinyl Chloride (PVC), a widely used thermoplastic polymer.
X29	Trade Item Chemical Is Not Intended For Human Consumption (GS1 Temporary Code)
	Indicates that the trade item is or contains a Liquid, Gel, Paste, Powder, or Flammable solid not intended for human consumption (ingested).
X30	ROHS Compliance Failure Material (GS1 Temporary Code)
	The material used in the trade item that does not comply with the ROHS Directives
X31	Packaging Terms And Condition (GS1 Temporary Code)
	Indicates if the packaging given in the described packaging configuration is a rented, exchangeable, against deposit or one way/not reusable.
X32	Warranty Effective Date Type (GS1 Temporary Code)
	The type of date associated with the warranty trade item usually expressed as an event date for the item for example date of purchase, date of manufacture or date of delivery.
X33	Warranty Type (GS1 Temporary Code)
	Type of warranty available for the part, e.g. labour, distance, extended service.
X35	Warranty Constraint (GS1 Temporary Code)
	Defines the relationship between different guarantee terms, e.g. "and", "or", "the stronger", "the weaker".
X36	Seasonal Availability End Date (GS1 Temporary Code)
	Indicates the end date of the trade item's seasonal availability.
X37	Seasonal Availability Start Date (GS1 Temporary Code)
	Indicates the start date of the trade item's seasonal availability.

Used Codes

X38	Season Calendar Year (GS1 Temporary Code)
	This element indicates the calendar year in which the trade item is seasonally available.
X39	Season Parameter (GS1 Temporary Code)
	Indication of the season, in which the trade item is available.
X40	Trade Item Automatic Power Down is Enabled (GS1 Temporary Code)
	An indicator whether a product is enabled with auto power down feature when shipped to the customer.
X41	Electrical Usage Agency Code (GS1 Temporary Code)
	The agency that regulates electrical usage for products within a target market.
X42	Nesting Type (GS1 Temporary Code)
	Depicts whether a nested item fits inside or over the other item in a nesting relationship.
X43	Display Dimension Type Code (GS1 Temporary Code)
	Depicts certain display scenarios used for measurement.
X44	Manufacturer Has Take Back Program (GS1 Temporary Code)
	Indicates if the manufacturer of the trade item offers any take back programs to consumers for the product to be reused, remanufactured or recycled by the manufacturer.
X45	Display Resolution (GS1 Temporary Code)
	The display resolution of a television or computer display.
X46	Orientation Preference Sequence (GS1 Temporary Code)
	Depicts the preferred sequence of orientation used to communicate the manufacturers relative preferences of orientation.
X47	Orientation Type (GS1 Temporary Code)
	Depicts via code a display orientation for a trade item.
X48	Electrical Usage Trade Item Classification Code (GS1 Temporary Code)
	A classification code value from a product classification scheme provided to drive required information for electrical usage.
X49	Electrical Usage Trade Item Classification Name (GS1 Temporary Code)
	A classification name from a product classification scheme provided to drive required information for electrical usage.
X50	Electrical Usage SubClassification Code (GS1 Temporary Code)
	A sub-classification code value from a product classification scheme provided to drive required information for electrical usage.
X51	Electrical Usage SubClassification Name (GS1 Temporary Code)
	A sub-classification name provided to drive required information for electrical usage.

Used Codes

X52	Confirmation Status Code (GS1 Temporary Code)
	The CIC Confirmation Code must be of a type of code number that can be generated automatically by a computer system.
X53	Confirmation Status Code Description (GS1 Temporary Code)
	Provides the code description that matches up with the Code that can possibly be generated automatically by a computer system.
X54	Additional Confirmation Status Description (GS1 Temporary Code)
	Provides a way to communicate human entered information that may not be covered by the machine to machine codes and descriptions.
X55	Corrective Action (GS1 Temporary Code)
	Provides the corrective action code to fix the issue that caused the problem.
X56	Expected Corrective Information (GS1 Temporary Code)
	Provides the expected corrective information via a human entered information that may not be covered by the machine to machine codes.
X57	Electrical Usage Trade Item Classification Agency (GS1 Temporary Code)
	A classification agency or organisation whose product classification scheme is being provided to drive required information for electrical usage.
X58	ASFIS (GS1 Permanent Code)
	FAO alpah-3 code list for fish species identification, commercial name & scientific name.
X59	FAO fishing areas (GS1 Permanent Code)
	FAO fishing areas codelist.
X60	FAO Fishing gear type (GS1 Permanent Code)
	FAO Fishing gear type codelist.
X61	EU fish quality (GS1 Permanent Code)
	EU fish quality grade code list (E, A, B, C).
X62	EU fish size (GS1 Permanent Code)
	EU fish standardized size code list (1, 2, 3, 4, 5 & One_Size).
X63	EU fish presentation (GS1 Permanent Code)
	EU fish presentation code list (3 or 5 char alpha code).
ZZZ	Mutually defined
	Self explanatory.
	Note : This code value will be removed effective with directory D.04A.

1153	Reference code qualifier
	Code qualifying a reference.
AAN	Delivery schedule number
	Reference number assigned by buyer to a delivery schedule.

Used Codes

AAS	Transport document number [1188] Reference assigned by the carrier or his agent to the transport document.
DQ	Delivery note number Reference number assigned by the issuer to a delivery note.
GN	Government reference number A number that identifies a government reference. GS1 Description: This code value should not be used to provide the tax identification number for a party (use code VA).
LI	Line item reference number (1156) Reference number identifying a particular line in a document.
ON	Order number (buyer) [1022] Reference number assigned by the buyer to an order.
VN	Order number (supplier) Reference number assigned by supplier to a buyer's purchase order.
YC1	Additional party identification (GS1 Temporary Code) Reference number to an additional party identification. This number may be the internal trading partner identification number used by a party to identify its trading parties.

1225	Message function code Code indicating the function of the message.
9	Original Initial transmission related to a given transaction.

2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period.
11	Despatch date and/or time (2170) Date/time on which the goods are or are expected to be despatched or shipped.
17	Delivery date/time, estimated Date and/or time when the shipper of the goods expects delivery will take place.
36	Expiry date Date of expiry of the validity of a referenced document, price information or any other referenced data element with a limited validity period.
94	Production/manufacture date Date on which goods are produced.

Used Codes

137	Document/message date/time
	(2006) Date/time when a document/message is issued. This may include authentication.
200	Pick-up/collection date/time of cargo
	Date/time at which the cargo is picked up.
361	Best before date
	The best before date.

2379	Date or time or period format code
	Code specifying the representation of a date, time or period.
2	DDMMYY
	Calendar date: D = Day; M = Month; Y = Year.
101	YYMMDD
	Calendar date: Y = Year; M = Month; D = Day.
102	CCYYMMDD
	Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.
104	MMWW-MMWW
	A period of time specified by giving the start week of a month followed by the end week of a month. Data is to be transmitted as consecutive characters without hyphen.
107	DDD
	Day's number within a specific year: D = Day.
108	WW
	Week's number within a specific year: W = Week.
109	MM
	Month's number within a specific year: M = Month.
110	DD
	Day's number within is a specific month.
201	YYMMDDHHMM
	Calendar date including time without seconds: Y = Year; M = Month; D = Day; H = Hour; M = Minute.
203	CCYYMMDDHHMM
	Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.
204	CCYYMMDDHHMMSS
	Calendar date including time with seconds: C=Century;Y=Year; M=Month; D=Day;H=Hour;M=Minute;S=Second.
401	HHMM
	Time without seconds: H = Hour; m = Minute.

Used Codes

501	HHMMHHMM	
	Time span without seconds: H = Hour; m = Minute;.	
502	HHMMSS-HHMMSS	
	Format of period to be given without hyphen.	
602	CCYY	
	Calendar year including century: C = Century; Y = Year.	
609	YYMM	
	Month within a calendar year: Y = Year; M = Month.	
610	CCYYMM	
	Month within a calendar year: CC = Century; Y = Year; M = Month.	
615	YYWW	
	Week within a calendar year: Y = Year; W = Week 1st week of January = week 01.	
616	CCYYWW	
	Week within a calendar year: CC = Century; Y = Year; W = Week (1st week of January = week 01).	
713	YYMMDDHHMM-YYMMDDHHMM	
	Format of period to be given in actual message without hyphen.	
715	YYWW-YYWW	
	A period of time specified by giving the start week of a year followed by the end week of year (both not including century). Data is to be transmitted as consecutive characters without hyphen.	
717	YYMMDD-YYMMDD	
	Format of period to be given in actual message without hyphen.	
718	CCYYMMDD-CCYYMMDD	
	Format of period to be given without hyphen.	
719	CCYYMMDDHHMM-CCYMMDDHHMM	
	A period of time which includes the century, year, month, day, hour and minute. Format of period to be given in actual message without hyphen.	
720	DHHMM-DHHMM	
	Format of period to be given without hyphen (D=day of the week, 1=Monday; 2=Tuesday; ... 7=Sunday).	
801	Year	
	To indicate a quantity of years.	
802	Month	
	To indicate a quantity of months.	
803	Week	
	To indicate a quantity of weeks.	

Used Codes

804	Day
	To indicate a quantity of days.

805	Hour
	To indicate a quantity of hours.

806	Minute
	To indicate a quantity of minutes.

810	Trimester
	To indicate a quantity of trimesters (three months).

811	Half month
	To indicate a quantity of half months.

21E	DDHHMM-DDHHMM (GS1 Temporary Code)
	Format of period to be given in actual message without hyphen.

3035	Party function code qualifier
	Code giving specific meaning to a party.

BY	Buyer
	Party to whom merchandise and/or service is sold.

DP	Delivery party
	(3144) Party to which goods should be delivered, if not identical with consignee.
	GS1 Description:
	Party to which goods should be delivered, if not the same as the buyer.

FW	Freight forwarder
	Party arranging forwarding of goods.

IV	Invoicee
	(3006) Party to whom an invoice is issued.

PW	Despatch party
	(3282) Party where goods are collected or taken over by the carrier (i.e. if other than consignor).

SF	Ship from
	Identification of the party from where goods will be or have been shipped.

SU	Supplier
	Party who supplies goods and/or services.
	GS1 Description:
	Party which provides service(s) and/or manufactures or otherwise has possession of goods, and consigns or makes them available in trade.

3055	Code list responsible agency code
	Code specifying the agency responsible for a code list.

Used Codes

9	GS1
	GS1 (formerly EAN International), an organisation of GS1 Member Organisations, which manages the GS1 System.
	GS1 Description:
	GS1 International.
91	Assigned by supplier or supplier's agent
	Codes assigned by a seller or seller's agent.
	GS1 Description:
	Code assigned by the supplier or supplier's agent.
92	Assigned by buyer or buyer's agent
	Codes assigned by a buyer or buyer's agent.

3207	Country name code
	| Identification of the name of the country or other geographical entity as defined in ISO 3166-1.
	Notes:
	| 1. Use ISO 3166-1 two alpha country code.
AD	Andorra
AE	United Arab Emirates
AF	Afghanistan
AG	Antigua and Barbuda
AI	Anguilla
AL	Albania
AM	Armenia
AO	Angola
AQ	Antarctica
AR	Argentina
AS	American Samoa
AT	Austria
AU	Australia
AW	Aruba
AX	Åland Islands
AZ	Azerbaijan
BA	Bosnia and Herzegovina
BB	Barbados
BD	Bangladesh
BE	Belgium

Used Codes

BF	Burkina Faso
BG	Bulgaria
BH	Bahrain
BI	Burundi
BJ	Benin
BL	Saint Barthélemy
BM	Bermuda
BN	Brunei Darussalam
BO	Bolivia (Plurinational State of)
BQ	Bonaire, Sint Eustatius and Saba
BR	Brazil
BS	Bahamas
BT	Bhutan
BV	Bouvet Island
BW	Botswana
BY	Belarus
BZ	Belize
CA	Canada
CC	Cocos (Keeling) Islands
CD	Congo, Democratic Republic of
CF	Central African Republic
CG	Congo
CH	Switzerland
CI	Cote D'Ivoire
CK	Cook Islands
CL	Chile
CM	Cameroon
CN	China
CO	Colombia
CR	Costa Rica
CU	Cuba
CV	Cape Verde
CW	Curaçao

Used Codes

CX	Christmas Island
CY	Cyprus
CZ	Czechia
DE	Germany
DJ	Djibouti
DK	Denmark
DM	Dominica
DO	Dominican Republic
DZ	Algeria
EC	Ecuador
EE	Estonia
EG	Egypt
EH	Western Sahara
ER	Eritrea
ES	Spain
ET	Ethiopia
FI	Finland
FJ	Fiji
FK	Falkland Islands (Malvinas)
FM	Micronesia (Federated States of)
FO	Faroe Islands
FR	France
GA	Gabon
GB	United Kingdom of Great Britain and Northern Ireland
GD	Grenada
GE	Georgia
GF	French Guiana
GG	Guernsey
GH	Ghana
GI	Gibraltar
GL	Greenland
GM	Gambia
GN	Guinea

Used Codes

GP	Guadeloupe
GQ	Equatorial Guinea
GR	Greece
GS	South Georgia and the South Sandwich Islands
GT	Guatemala
GU	Guam
GW	Guinea-Bissau
GY	Guyana
HK	Hong Kong
HM	Heard Island and Mcdonald Islands
HN	Honduras
HR	Croatia
HT	Haiti
HU	Hungary
ID	Indonesia
IE	Ireland
IL	Israel
IM	Isle Of Man
IN	India
IO	British Indian Ocean Territory
IQ	Iraq
IR	Iran (Islamic Republic of)
IS	Iceland
IT	Italy
JE	Jersey
JM	Jamaica
JO	Jordan
JP	Japan
KE	Kenya
KG	Kyrgyzstan
KH	Cambodia
KI	Kiribati
KM	Comoros

Used Codes

KN	Saint Kitts and Nevis
KP	Korea (Democratic People'S Republic of)
KR	Korea, Republic of
KW	Kuwait
KY	Cayman Islands
KZ	Kazakhstan
LA	Lao People'S Democratic Republic
LB	Lebanon
LC	Saint Lucia
LI	Liechtenstein
LK	Sri Lanka
LR	Liberia
LS	Lesotho
LT	Lithuania
LU	Luxembourg
LV	Latvia
LY	Libya
MA	Morocco
MC	Monaco
MD	Moldova, Republic of
ME	Montenegro
MF	Saint Martin (French Part)
MG	Madagascar
MH	Marshall Islands
MK	Macedonia, the Former Yugoslav Republic of
ML	Mali
MM	Myanmar
MN	Mongolia
MO	Macao
MP	Northern Mariana Islands
MQ	Martinique
MR	Mauritania
MS	Montserrat

Used Codes

MT	Malta
MU	Mauritius
MV	Maldives
MW	Malawi
MX	Mexico
MY	Malaysia
MZ	Mozambique
NA	Namibia
NC	New Caledonia
NE	Niger
NF	Norfolk Island
NG	Nigeria
NI	Nicaragua
NL	Netherlands
NO	Norway
NP	Nepal
NR	Nauru
NU	Niue
NZ	New Zealand
OM	Oman
PA	Panama
PE	Peru
PF	French Polynesia
PG	Papua New Guinea
PH	Philippines
PK	Pakistan
PL	Poland
PM	Saint Pierre and Miquelon
PN	Pitcairn
PR	Puerto Rico
PS	Palestine, State of
PT	Portugal
PW	Palau

Used Codes

PY	Paraguay
QA	Qatar
RE	Reunion
RO	Romania
RS	Serbia
RU	Russian Federation
RW	Rwanda
SA	Saudi Arabia
SB	Solomon Islands
SC	Seychelles
SD	Sudan
SE	Sweden
SG	Singapore
SH	Saint Helena, Ascension and Tristan da Cunha
SI	Slovenia
SJ	Svalbard and Jan Mayen
SK	Slovakia
SL	Sierra Leone
SM	San Marino
SN	Senegal
SO	Somalia
SR	Suriname
SS	South Sudan
ST	Sao Tome and Principe
SV	El Salvador
SX	Sint Maarten (Dutch part)
SY	Syrian Arab Republic
SZ	Swaziland
TC	Turks and Caicos Islands
TD	Chad
TF	French Southern Territories
TG	Togo
TH	Thailand

Used Codes

TJ	Tajikistan
TK	Tokelau
TL	Timor-Leste
TM	Turkmenistan
TN	Tunisia
TO	Tonga
TR	Turkey
TT	Trinidad and Tobago
TV	Tuvalu
TW	Taiwan, Province of China
TZ	Tanzania, United Republic of
UA	Ukraine
UG	Uganda
UM	United States Minor Outlying Islands
US	United States of America
UY	Uruguay
UZ	Uzbekistan
VA	Holy See
VC	Saint Vincent and the Grenadines
VE	Venezuela (Bolivarian Republic of)
VG	Virgin Islands, British
VI	Virgin Islands, U.S.
VN	Viet Nam
VU	Vanuatu
WF	Wallis and Futuna
WS	Samoa
YE	Yemen
YT	Mayotte
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

4233	Marking instructions code Code specifying instructions for marking.

Used Codes

1	Do not mark supplier's company name Packaging should not be marked with supplier's company name.
2	Mark customer's company name Packaging should be marked with customer's company name.
3	Mark customer's references Packaging should be marked with customer's references.
4	Mark additionally customer's article description Packaging should also be marked with customer's article description.
5	Mark exclusively customer's article description Packaging should be marked with customer's article description only.
6	Mark packages dimensions Packaging should be marked with package's dimensions.
7	Mark net weight Packaging should be marked with net weight.
8	Mark gross weight Packaging should be marked with gross weight.
9	Mark tare weight Packaging should be marked with tare weight.
10	Mark batch number Packaging should be marked with batch number.
11	Mark article number customer Packaging should be marked with customer's article number.
12	Mark running number of packages Packaging should be marked with the running number of packages.
13	Mark date of production Packaging should be marked with the date of production.
14	Mark expiry date Packaging should be marked with the expiry date.
15	Mark supplier number Packaging should be marked with the supplier number.
16	Buyer's instructions Markings as specified by the buyer.
17	Supplier's instructions Markings as specified by the seller. GS1 Description: Markings as specified by the supplier.

Used Codes

18	Carrier's instructions
	Markings as specified by carrier.
19	Legal requirements
	Markings as specified by law.
20	Industry instructions
	Markings as specified by industry.
30	Mark serial shipping container code
	Requests the marking of the serial shipping container code to the transport container or packaging.
32	Mark date of packaging
	Packaging must be marked with the packaging date.
	GS1 Note: Replaces GS1 Temporary Code 41E.
33	Mark reference to source entity
	Packaging must be marked with the reference to source entity. The reference to source identifies that the trade item was derived from.
34	Marked GS1 Global Individual Asset Identifier
	Indication that the GS1 Global Individual Asset Identifier has been marked on the package.
	GS1 Note: Replaces GS1 Temporary Code 42G.
35	Marked with a product serial number
	Indication that the product serial number has been marked on a package.
38	Marked price
	Indication that the price has been marked on a package.
	GS1 Note: Replaces GS1 Temporary Code 31E.
39	Marked with Serial Shipping Container Code (SSCC)
	Indication that the Serial Shipping Container Code has been marked on a package.
	GS1 Note: Replaces GS1 Temporary Code 33E.
40	Marked with first freezing date
	Indication that the first freezing date has been marked on the package.
	GS1 Note: Replaces GS1 Temporary Code 35E.
41	Marked with batch number
	Indication that the batch number has been marked on a package.
	GS1 Note: Replaces GS1 Temporary Code 36E.
42	Marked with production date
	Indication that the production date has been marked on a package.
	GS1 Note: Replaces GS1 Temporary Code 37E.
43	Marked with expiry date
	Indication that the expiry date has been marked on a package.
	GS1 Note: Replaces GS1 Temporary Code 38E.

Used Codes

44	Marked with best before date
	Indication that the best before date has been marked on a package. GS1 Note: Replaces GS1 Temporary Code 39E.
45	Marked net weight
	Indication that the net weight has been marked on a package. GS1 Note: Replaces GS1 Temporary Code 40E.
46	Marked with packaging date
	Indication that the packaging date has been marked on a package. GS1 Note: Replaces GS1 Temporary Code 41E.
47	Marked with GS1 Global Returnable Asset Identifier (GRAI)
	Indication that the GS1 Global Returnable Asset Identifier (GRAI) has been marked on the package. GS1 Note: Replaces GS1 Temporary Code 41G.
48	Marked with a greeting message
	Indication that the package has been marked with a greeting message. GS1 Note: Replaces GS1 Temporary Code X27.
49	Price per unit of measure marked on product
	The price per unit of measure is marked on trade item
31E	Mark price (GS1 Temporary Code)
	Coded instruction that the price be marked on a package. GS1 Note: Code marked for deletion. Use value 38 instead.
32E	Mark GS1 number (GS1 Temporary Code)
	Coded instruction that the GS1 number be marked on a package.
33E	Marked with serial shipping container code (GS1 Temporary Code)
	Indication that the serial shipping container code has been marked on a package. GS1 Note: Code marked for deletion. Use value 39 instead.
34E	Marked with GS1 number (GS1 Temporary Code)
	Indication that the GS1 number has been marked on a package.
35E	Marked with first freezing date (GS1 Temporary Code)
	Indication that the first freezing date has been marked on the package. GS1 Note: Code marked for deletion. Use value 40 instead.
36E	Marked with batch number (GS1 Temporary Code)
	Indication that the batch number has been marked on a package. GS1 Note: Code marked for deletion. Use value 41 instead.
37E	Marked with production/manufacturing date (GS1 Temporary Code)
	Indication that the production/manufacturing date has been marked on a package. GS1 Note: Code marked for deletion. Use value 42 instead.

Used Codes

38E	Marked with expiry date (GS1 Temporary Code)
	Indication that the expiry date has been marked on a package.
	GS1 Note: Code marked for deletion. Use value 43 instead.
39E	Marked with best before date (GS1 Temporary Code)
	Indication that the best before date has been marked on a package.
	GS1 Note: Code marked for deletion. Use value 44 instead.
40E	Marked with unit net weight (GS1 Temporary Code)
	Indication that the net unit weight has been marked on a package.
	GS1 Note: Code marked for deletion. Use value 45 instead.
41E	Marked with packaging date (GS1 Temporary Code)
	Indication that the packaging date has been marked on a package.
	GS1 Note: Code marked for deletion. Use value 46 instead.
41G	Marked with GS1 Global Returnable Asset Identifier (GS1 Temporary Code)
	Indication that the GS1 Global Returnable Asset Identifier has been marked on the package.
	GS1 Note: Code marked for deletion. Use value 47 instead.
IEN	Package Identity Number (GS1 Temporary Code)
	Number uniquely identifying a package.
X26	Not marked with an GS1 code (GS1 Temporary Code)
	Indication that the package is not marked with an GS1 code.
X27	Marked with a greeting message (GS1 Temporary Code)
	Package should be marked with greeting message
	GS1 Note: Code marked for deletion. Use value 48 instead.
X28	GINC (GS1 Temporary Code)
	Global Identification Number for Consignment
X29	GSIN (GS1 Temporary Code)
	Global Shipment Identification Number
X3	Marked with use by date (GS1 Temporary Code)
	Indication that the use by date has been marked on a package.
4347	Product identifier code qualifier
	Code qualifying the product identifier.
1	Additional identification
	Information which specifies and qualifies product identifications.
6063	Quantity type code qualifier
	Code qualifying the type of quantity.
12	Despatch quantity
	Quantity despatched by the seller.

Used Codes

192	Free goods quantity Quantity of goods which are free of charge.

6311	Measurement purpose code qualifier Code qualifying the purpose of the measurement.
PD	Physical dimensions (product ordered) Specified measurement dimensions refer to physical dimensions of a product, material or package. GS1 Description: The restriction 'product ordered' can be ignored.

6313	Measured attribute code Code specifying the attribute measured.
LAY	Number of layers (GS1 Temporary Code) Number of layers of a product or products within a package, container, pallet, etc. GS1 Description: Number of layers of a product or products within a package, container, pallet, etc.

6321	Measurement significance code Code specifying the significance of a measurement.
3	Approximately The measurement is approximately equal to that specified.
4	Equal to The measurement is equal to that specified.
5	Greater than or equal to The measurement is greater than or equal to that specified.
6	Greater than The measurement is greater than that specified.
7	Less than The measurement is less than that specified.
8	Less than or equal to The measurement is less than or equal to that specified.
12	True value The measurement reported is a true value.

Used Codes

6411	Measurement unit code Code specifying the unit of measurement. Notes: | 1. Recommend use UN/ECE Recommendation 20, Common code.
001	Barrel (205 litres, 45 gallons) (GS1 Temporary Code) A unit of liquids equivalent to 205 litres or 45 gallons.
23	gram per cubic centimetre GS1 Description: g/cm3 as a unit of measure for the density of gas. This is necessary for dangerous substance articles for determination of the quantities that can be stored together on the shelf.
25	gram per square centimetre GS1 Description: A measure of weight in terms of gram per square centimetre.
28	kilogram per square metre GS1 Description: Unit of measure expressed in kilogram per square metre.
37	ounce per square foot
59	part per million
64	Pound per square inch, gauge A unit of measure expressed in pound per square inch
2N	decibel
2X	metre per minute GS1 Description: A measure of speed in terms of metres per minute.
4K	milliampere
4L	megabyte GS1 Description: A unit of computer memory equal to 1.048.576 (i.e. 2 power 20) bytes.
4O	microfarad GS1 Description: One millionth of a farad. A farad is the capacitance of a capacitor between the plates of which a potential of 1 volt is created by a charge of 1 Coulomb.
4P	newton per metre
A25	cheval vapeur
A86	gigahertz GS1 Description: Hertz multiplied by 10*9.
A99	Bit A unit of information equal to one binary digit.

Used Codes

ACR	acre GS1 Description: Acre (4840 yd2)
AD	byte GS1 Description: A unit of information stored in a computer, equal to eight bits.
AMH	ampere hour GS1 Description: Ampere-hour (3,6kC)
AMP	ampere
AMT	amount
ANN	year GS1 Description: The expression of a year as a measure unit.
APZ	Troy ounce or apothecary ounce EDIFACT
ASM	alcoholic strength by mass GS1 Description: Alcoholic strength expressed by mass.
ASU	alcoholic strength by volume GS1 Description: Alcoholic strength expressed by volume.
AV	capsule GS1 Description: Encaspuled dosage form for pharmaceuticals.
B13	Joule per square metre A unit of measure of heat energy expressed in joule per square metre.
B17	Credit A unit of count defining the number of entries made to the credit side of an account.
BAR	bar GS1 Description: A unit of measure equal to 106 dines per square centimeter.
BTU	British thermal unit GS1 Description: British thermal unit (1,055 kilojoules)
C0	call GS1 Description: Unit of measure for telephone calls. Code value is C0 (C Zero).
C60	ohm centimetre GS1 Description: Unit of measure expressed in Ohm centimetre.

Used Codes

C79	Kilovolt Ampere Hour A unit of accumulated energy of 1000 volt amperes over a period of one hour. EDIFACT
CDL	candela GS1 Description: Unit of measure of light intensity.
CEL	degree celsius
CF2	Colony forming unit per gram (GS1 Temporary Code) Colony forming units per gram is a unit of measure for micro-organisms, such as bacteria, in a food item. Micro-organisms form colonies that are be counted under determined conditions
CLT	centilitre GS1 Description: A unit of volume equal to one hundreth of a liter.
CMK	square centimetre
CMQ	cubic centimetre GS1 Description: A system of units for the measurement of volume based on the cubic centimetre.
CMT	centimetre
D19	Square metre kelvin per watt Unit of measure of thermal insulance expressed in square metre kelvin per watt.
D21	square metre per kilogram GS1 Description: Unit of measure expressed in square metre per kilogram.
D32	Terawatt hour A unit of measure expressed in terawatt hour
D5	Kilogram per square centimetre A unit of measure expressed in kilogram per square centimetre
D55	Watt per square metre kelvin Unit of measure of thermal conductance expressed in watt per square metre kelvin.
D68	Number of Words A unit of count defining the number of words. EDIFACT
DAY	day GS1 Description: The expression of a day as a measure unit.
DD	degree GS1 Description: Unit of measure of temperature.

Used Codes

DMQ	cubic decimetre GS1 Description: Unit of measure expressed in cubic decimetre.
DMT	decimetre
DRG	Dragée (GS1 Temporary Code) Number of dragées (coated tablets) contained in the item's package as a measurement unit.
DZN	dozen GS1 Description: A unit of measure of 12 or group of 12.
E09	Milliampere hour A unit of power load delivered at the rate of one thousandth of an ampere over a period of one hour. EDIFACT
E10	Degree day A unit of measure used in meteorology and engineering to measure the demand for heating or cooling over a given period of days. EDIFACT
E11	Gigacalorie A unit of heat energy equal to one thousand million calories. EDIFACT
E27	Dose A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug). EDIFACT
E31	Square metre per litre A unit of count defining the number of square metres per litre. EDIFACT
E32	Litre per hour A unit of count defining the number of litres per hour. EDIFACT
E34	Gigabyte A unit of information equal to 10 E9 bytes.
E37	Pixel A unit of count defining the number of pixels (pixel: picture element).
E38	Megapixel A unit of count equal to 10 E6 (1000000) pixels (picture elements).
E39	Dots per inch A unit of information defining the number of dots per linear inch as a measure of the resolution or sharpness of an image. GS1 Description: synonym: pixels per inch.

Used Codes

EA	each
EV	envelope GS1 Description: A unit of measure pertaining to the number of envelopes.
FAH	degree Fahrenheit
FOT	foot GS1 Description: Foot (0,3048 m)
FP	Pound per square foot A unit of measure expressed in pound per square foot
FTK	Square foot A unit of measure expressed in square foot
FTQ	cubic foot
GL	gram per litre
GLI	gallon (UK) GS1 Description: Gallon (4,546092 dm3)
GM	gram per square metre GS1 Description: Unit of measure of grams per square metre.
GRM	gram
GRO	gross GS1 Description: A unit of measure of 12 dozens.
GV	gigajoule
GWH	gigawatt hour GS1 Description: Gigawatt-hour (1 million kW/h)
H87	Piece A unit of count defining the number of pieces (piece: a single item, article or exemplar). EDIFACT
HLT	hectolitre
HMT	hectometre A unit of linear measure equal to 10 E2 metres.
HTZ	hertz GS1 Description: One cycle per second.
HUR	hour

Used Codes

INH	inch GS1 Description: Inch (25,4 mm)
INK	Square inch A unit of measure expressed in square inch
JM	Megajoule per cubic metre EDIFACT
JOU	joule
K51	Kilocalorie (mean) EDIFACT
KB	kilocharacter
KBA	kilobar
KEL	kelvin
KGM	kilogram
KHZ	kilohertz
KJO	kilojoule
KL	kilogram per metre GS1 Description: A measure of weight in terms of kilogram per metre.
KMH	kilometre per hour GS1 Description: A unit of measure expressed in kilometre per hour.
KMQ	kilogram per cubic metre GS1 Description: A measure of weight in terms of kilogram per cubic metre.
KMT	kilometre
KPA	kilopascal GS1 Description: Unit of measure expressed in kilopascal.
KVA	kilovolt - ampere GS1 Description: A unit of electric power.
KVT	kilovolt
KWH	kilowatt hour
KWT	kilowatt
L2	litre per minute GS1 Description: Unit of measure expressed in litre per minute.
LBR	Pound EDIFACT

Used Codes

LD	Litre per day	A unit of measure defining the number of litres per day.
LNE	Printed line count (GS1 Temporary Code)	The indication of the count of printed lines included on a paper communication (e.g. telegram) for invoicing purposes.
LTR	litre	GS1 Description: Litre (1 dm3)
LUX	lux	GS1 Description: Unit of measure of illumination (it corresponds to the illumination of a surface which normally and uniformly receives a light flow of 1 lumen per square meter).
M4	Monetary value	A unit of measure expressed as a monetary amount. EDIFACT
MAL	mega litre	
MAW	megawatt	
MC	microgram	One millionth of a gram.
MCU	millicurie	GS1 Description: Unit of measure for radioactivity.
MGM	milligram	
MHZ	megahertz	
MIN	minute	
MLT	millilitre	
MMK	square millimetre	GS1 Description: A unit to measure a surface equal to one millionth of a quadrate.
MMQ	cubic millimetre	GS1 Description: A unit of measure expressed in cubic milimetres.
MMT	millimetre	
MON	month	GS1 Description: The expression of a month as a measure unit.
MPA	megapascal	GS1 Description: A unit of measure expressed in Megapascal.

Used Codes

MQH	Cubic metre per hour A unit of measure defining the number of cubic metres per hour.
MTK	square metre
MTQ	cubic metre
MTR	metre
MTS	Metre per second A unit of speed expressed in metres per second.
MWH	megawatt hour (1000 kW.h)
NAR	number of articles
NEW	newton GS1 Description: The SI unit of force, equal to the force that would give a mass of one kilogram an acceleration of one metre per second.
NIU	number of international units A unit of count defining the number of international units.
NRL	number of rolls
ONZ	ounce GS1 Description: Ounce GB, US (28,349523 g)
OZA	fluid ounce (US) GS1 Description: Fluid ounce US (29,5735 cm3)
OZI	fluid ounce (UK) GS1 Description: Fluid ounce UK (28,413 cm3)
P1	percent GS1 Description: This code is used to indicate measurements in terms of percentages, e.g. the relative humidity (code RA in data element 6313) is 52%.
PA	packet
PAL	pascal GS1 Description: The SI unit of pressure, equal to one Newton per square metre.
PCE	Piece (GS1 Temporary Code) GS1 Note: Old code value. Use value H87 instead.
PF	pallet (lift) GS1 Description: A number of articles expressed in terms of pallets.
PR	pair GS1 Description: Two articles which belong together but are not necessarily identical.

Used Codes

PTI	pint (UK) GS1 Description: Pint UK (0,568262 dm3)
PTN	Portion (GS1 Temporary Code) The identification of the number of portions (doses in medical terms) into which a complete product may be broken into for serving purposes, e.g. a pie with 6 portions, a liquid medicine with 20 doses.
QAN	quarter (of a year)
QTI	quart (UK) GS1 Description: Quart UK (1,1136523 dm3)
RJH	Decanewton (GS1 Temporary Code) A unit of force equal to 10 Newton.
RPM	revolutions per minute
RTO	Ratio (GS1 Temporary Code) The measured value is a ratio.
SEC	second
SMI	Mile (statute mile) A unit of measure expressed in mile
ST	sheet
TNE	tonne (metric ton) GS1 Description: Metric ton (1000kg)
U2	tablet A unit of count defining the number of tablets (tablet: a small flat or compressed solid object). GS1 Description: Dosage form for pharmaceuticals, pressed or compacted from a powder into a solid dose.
UI	Unit of activity, predefined (GS1 Temporary Code) A measure pertaining to a predefined activity.
VI	vial GS1 Description: Small glass container. E.g. for a liquid medicine or perfume.
VLT	volt
WHR	watt hour
WTT	watt
YDK	Square yard A unit of measure expressed in square yard

Used Codes

YRD	yard GS1 Description: Yard (0,9144 m)
ZP	page GS1 Description: The indication of a page as a measurement unit for invoicing purposes, e.g. fax pages.

7065	Package type description code Code specifying the type of package. Notes: 1. Recommend use UN/ECE Recommendation No. 21 (also, see current volume of UNTDED).
43	Bag, super bulk
44	Bag, polybag A type of plastic bag, typically used to wrap promotional pieces, publications, product samples, and/or catalogues.
1A	Drum, steel
1B	Drum, aluminium
1D	Drum, plywood
1F	Container, flexible A packaging container of flexible construction.
1G	Drum, fibre
1W	Drum, wooden
2C	Barrel, wooden
3A	Jerrican, steel
3H	Jerrican, plastic
4A	Box, steel
4B	Box, aluminium
4C	Box, natural wood
4D	Box, plywood
4F	Box, reconstituted wood
4G	Box, fibreboard
4H	Box, plastic
5H	Bag, woven plastic
5L	Bag, textile
5M	Bag, paper

Used Codes

6H	Composite packaging, plastic receptacle
6P	Composite packaging, glass receptacle
7A	Case, car A type of portable container designed to store equipment for carriage in an automobile.
7B	Case, wooden A case made of wood for retaining substances or articles.
8A	Pallet, wooden A platform or open-ended box, made of wood, on which goods are retained for ease of mechanical handling during transport and storage.
8B	Crate, wooden A receptacle, made of wood, on which goods are retained for ease of mechanical handling during transport and storage.
8C	Bundle, wooden Loose or unpacked pieces of wood tied or wrapped together.
AA	Intermediate bulk container, rigid plastic
AB	Receptacle, fibre
AC	Receptacle, paper
AD	Receptacle, wooden
AE	Aerosol
AF	Pallet, modular, collars 80cms × 60cms
AG	Pallet, shrinkwrapped
AH	Pallet, 100cms × 110cms
AI	Clamshell
AJ	Cone
AL	Ball A spherical containment vessel for retaining substances or articles.
AM	Ampoule, non-protected
AP	Ampoule, protected
AT	Atomizer
AV	Capsule
B4	Belt A band use to retain multiple articles together.
BA	Barrel
BB	Bobbin
BC	Bottlecrate / bottlerack

Used Codes

BD	Board
BE	Bundle
BF	Balloon, non-protected
BG	Bag
BH	Bunch
BI	Bin
BJ	Bucket
BK	Basket
BL	Bale, compressed
BM	Basin
BN	Bale, non-compressed
BO	Bottle, non-protected, cylindrical
BP	Balloon, protected
BQ	Bottle, protected cylindrical
BR	Bar
BS	Bottle, non-protected, bulbous
BT	Bolt
BU	Butt
BV	Bottle, protected bulbous
BW	Box, for liquids
BX	Box
BY	Board, in bundle/bunch/truss
BZ	Bars, in bundle/bunch/truss
CA	Can, rectangular
CB	Crate, beer
CC	Churn
CD	Can, with handle and spout
CE	Creel
CF	Coffer
CG	Cage
CH	Chest
CI	Canister
CJ	Coffin

Used Codes

CK	Cask
CL	Coil
CM	Card
CN	Container, not otherwise specified as transport equipment
CO	Carboy, non-protected
CP	Carboy, protected
CQ	Cartridge
CR	Crate
CS	Case
CT	Carton
CU	Cup
CV	Cover
CW	Cage, roll
CX	Can, cylindrical
CY	Cylinder
CZ	Canvas
DA	Crate, multiple layer, plastic
DB	Crate, multiple layer, wooden
DC	Crate, multiple layer, cardboard
DG	Cage, Commonwealth Handling Equipment Pool (CHEP)
DH	Box, Commonwealth Handling Equipment Pool (CHEP), Eurobox
DI	Drum, iron
DJ	Demijohn, non-protected
DK	Crate, bulk, cardboard
DL	Crate, bulk, plastic
DM	Crate, bulk, wooden
DN	Dispenser
DP	Demijohn, protected
DR	Drum
DS	Tray, one layer no cover, plastic
DT	Tray, one layer no cover, wooden
DU	Tray, one layer no cover, polystyrene
DV	Tray, one layer no cover, cardboard

Used Codes

DW	Tray, two layers no cover, plastic tray
DX	Tray, two layers no cover, wooden
DY	Tray, two layers no cover, cardboard
EC	Bag, plastic
ED	Case, with pallet base
EE	Case, with pallet base, wooden
EF	Case, with pallet base, cardboard
EG	Case, with pallet base, plastic
EH	Case, with pallet base, metal
EI	Case, isothermic
EN	Envelope
FB	Flexibag A flexible containment bag made of plastic, typically for the transportation bulk non-hazardous cargoes using standard size shipping containers.
FC	Crate, fruit
FD	Crate, framed
FE	Flexitank A flexible containment tank made of plastic, typically for the transportation bulk non-hazardous cargoes using standard size shipping containers.
FI	Firkin
FL	Flask
FO	Footlocker
FP	Filmpack
FR	Frame
FT	Foodtainer
FW	Cart, flatbed Wheeled flat bedded device on which trays or other regular shaped items are packed for transportation purposes.
FX	Bag, flexible container
GB	Bottle, gas
GI	Girder
GL	Container, gallon A container with a capacity of one gallon.
GR	Receptacle, glass

Used Codes

GU	Tray, containing horizontally stacked flat items Tray containing flat items stacked on top of one another.
GY	Bag, gunny A sack made of gunny or burlap, used for transporting coarse commodities, such as grains, potatoes, and other agricultural products.
GZ	Girders, in bundle/bunch/truss
HA	Basket, with handle, plastic
HB	Basket, with handle, wooden
HC	Basket, with handle, cardboard
HG	Hogshead
HN	Hanger A purpose shaped device with a hook at the top for hanging items from a rail.
HR	Hamper
IA	Package, display, wooden
IB	Package, display, cardboard
IC	Package, display, plastic
ID	Package, display, metal
IE	Package, show
IF	Package, flow
IG	Package, paper wrapped
IH	Drum, plastic
IK	Package, cardboard, with bottle grip-holes
IL	Tray, rigid, lidded stackable (CEN TS 14482:2002) Lidded stackable rigid tray compliant with CEN TS 14482:2002.
IN	Ingot
IZ	Ingots, in bundle/bunch/truss
JB	Bag, jumbo A flexible containment bag, widely used for storage, transportation and handling of powder, flake or granular materials. Typically constructed from woven polypropylene (PP) fabric in the form of cubic bags.
JC	Jerrican, rectangular
JG	Jug
JR	Jar
JT	Jutebag
JY	Jerrican, cylindrical

Used Codes

KG	Keg
KI	Kit A set of articles or implements used for a specific purpose.
LE	Luggage A collection of bags, cases and/or containers which hold personal belongings for a journey.
LG	Log
LT	Lot
LU	Lug A wooden box for the transportation and storage of fruit or vegetables.
LV	Liftvan
LZ	Logs, in bundle/bunch/truss
MA	Crate, metal Containment box made of metal for retaining substances or articles.
MB	Bag, multiply
MC	Crate, milk
ME	Container, metal A type of containment box made of metal for retaining substances or articles, not otherwise specified as transport equipment.
MR	Receptacle, metal
MS	Sack, multi-wall
MT	Mat
MW	Receptacle, plastic wrapped
MX	Matchbox
NA	Not available
NE	Unpacked or unpackaged
NF	Unpacked or unpackaged, single unit
NG	Unpacked or unpackaged, multiple units
NS	Nest
NT	Net
NU	Net, tube, plastic
NV	Net, tube, textile
O1	Two sided cage on wheels with fixing strap A two sided cage mounted on wheels with fixing strap. Dimensions: 900 x 770 x 1513 cm (length x width x height).

Used Codes

O2	Trolley A low cart for the transportation and storage of groceries, milk, etc.
O3	Oneway pallet ISO 0 - 1/2 EURO Pallet Oneway pallet with dimensions 80 X 60 cm.
O4	Oneway pallet ISO 1 - 1/1 EURO Pallet Oneway pallet with dimensions 80 X 120 cm.
O5	Oneway pallet ISO 2 - 2/1 EURO Pallet Oneway pallet with dimensions 100 X 120 cm.
O6	Pallet with exceptional dimensions Pallet with non-standard dimensions.
OA	Pallet, CHEP 40 cm x 60 cm CHEP standard pallet of dimensions 40 centimeters x 60 centimeters.
OB	Pallet, CHEP 80 cm x 120 cm CHEP standard pallet of dimensions 80 centimeters x 120 centimeters.
OC	Pallet, CHEP 100 cm x 120 cm CHEP standard pallet of dimensions 100 centimeters x 120 centimeters.
OD	Pallet, AS 4068-1993 Australian standard pallet of dimensions 115.5 centimeters x 116.5 centimeters.
OE	Pallet, ISO T11 ISO standard pallet of dimensions 110 centimeters x 110 centimeters, prevalent in Asia - Pacific region.
OF	Platform, unspecified weight or dimension A pallet equivalent shipping platform of unknown dimensions or unknown weight.
OG	Pallet ISO 0 - 1/2 EURO Pallet Standard pallet with dimensions 80 X 60 cm.
OH	Pallet ISO 1 - 1/1 EURO Pallet Standard pallet with dimensions 80 X 120 cm.
OI	Pallet ISO 2 - 2/1 EURO Pallet Standard pallet with dimensions 100 X 120 cm.
OJ	1/4 EURO Pallet Standard pallet with dimensions 60 X 40 cm.
OK	Block A solid piece of a hard substance, such as granite, having one or more flat sides.
OL	1/8 EURO Pallet Standard pallet with dimensions 40 X 30 cm.

Used Codes

OM	Synthetic pallet ISO 1 A standard pallet with standard dimensions 80 x 120cm made of a synthetic material for hygienic reasons.
ON	Synthetic pallet ISO 2 A standard pallet with standard dimensions 100 x 120cm made of a synthetic material for hygienic reasons.
OP	Wholesaler pallet Pallet provided by the wholesaler.
OQ	Pallet 80 X 100 cm Pallet with dimensions 80 X 100 cm.
OR	Pallet 60 X 100 cm Pallet with dimensions 60 X 100 cm.
OS	Oneway pallet Pallet need not be returned to the point of expedition.
OT	Octabin A standard cardboard container of large dimensions for storing for example vegetables, granules of plastics or other dry products.
OU	Container, outer A type of containment box that serves as the outer shipping container, not otherwise specified as transport equipment.
OV	Returnable pallet Pallet must be returned to the point of expedition.
OW	Large bag, pallet sized A non-rigid container made of fabric, paper, plastic, etc, with an opening at the top which can be closed and which is suitable for use on pallets.
OX	A wheeled pallet with raised rim (81 x 67 x 135) A wheeled pallet with raised rim for the storing and transporting of loads. Dimensions: 81 x 67 x 135 cm (length x width x height).
OY	A wheeled pallet with raised rim (81 x 72 x 135) A wheeled pallet with raised rim for the storing and transporting of loads. Dimensions: 81 x 72 x 135 cm (length x width x height).
OZ	A wheeled pallet with raised rim (81 x 60 x 16) A wheeled pallet with raised rim for the storing and transporting of loads. Dimensions: 81 x 60 x 16 cm (length x width x height).
P2	Pan A shallow, wide, open container, usually of metal.
PA	Packet
PB	Pallet, box
PC	Parcel

Used Codes

PD	Pallet, modular, collars 80cms * 100cms
PE	Pallet, modular, collars 80cms * 120cms
PF	Pen
PG	Plate
PH	Pitcher
PI	Pipe
PJ	Punnet
PK	Package
PL	Pail
PN	Plank
PO	Pouch
PP	Piece A loose or unpacked article.
PR	Receptacle, plastic
PT	Pot
PU	Tray pack
PV	Pipes, in bundle/bunch/truss
PX	Pallet
PY	Plates, in bundle/bunch/truss
PZ	Planks, in bundle/bunch/truss
QA	Drum, steel, non-removable head
QB	Drum, steel, removable head
QC	Drum, aluminium, non-removable head
QD	Drum, aluminium, removable head
QF	Drum, plastic, non-removable head
QG	Drum, plastic, removable head
QH	Barrel, wooden, bung type
QJ	Barrel, wooden, removable head
QK	Jerrican, steel, non-removable head
QL	Jerrican, steel, removable head
QM	Jerrican, plastic, non-removable head
QN	Jerrican, plastic, removable head
QP	Box, wooden, natural wood, ordinary

Used Codes

QQ	Box, wooden, natural wood, with sift proof walls
QR	Box, plastic, expanded
QS	Box, plastic, solid
RD	Rod
RG	Ring
RJ	Rack, clothing hanger
RK	Rack
RL	Reel
RO	Roll
RT	Rednet
RZ	Rods, in bundle/bunch/truss
SA	Sack
SB	Slab
SC	Crate, shallow
SD	Spindle
SE	Sea-chest
SH	Sachet
SI	Skid
SK	Case, skeleton
SL	Slipsheet
SM	Sheetmetal
SO	Spool
SP	Sheet, plastic wrapping
SS	Case, steel
ST	Sheet
SU	Suitcase
SV	Envelope, steel
SW	Shrinkwrapped
SY	Sleeve
SZ	Sheets, in bundle/bunch/truss
T1	Tablet A loose or unpacked article in the form of a bar, block or piece.
TB	Tub

Used Codes

TC	Tea-chest
TD	Tube, collapsible
TE	Tyre A ring made of rubber and/or metal surrounding a wheel.
TG	Tank container, generic A specially constructed container for transporting liquids and gases in bulk.
TI	Tierce TI
TK	Tank, rectangular
TL	Tub, with lid
TN	Tin
TO	Tun
TR	Trunk
TS	Truss
TT	Bag, tote A capacious bag or basket.
TU	Tube
TV	Tube, with nozzle
TW	Pallet, triwall A lightweight pallet made from heavy duty corrugated board.
TY	Tank, cylindrical
TZ	Tubes, in bundle/bunch/truss
UC	Uncaged
UN	Unit A type of package composed of a single item or object, not otherwise specified as a unit of transport equipment.
VA	Vat
VG	Bulk, gas (at 1031 mbar and 15 degree C)
VI	Vial
VK	Vanpack
VL	Bulk, liquid
VN	Vehicle A self-propelled means of conveyance.
VO	Bulk, solid, large particles ("nodules")
VP	Vacuum-packed
VQ	Bulk, liquefied gas (at abnormal temperature/pressure)

Used Codes

VR	Bulk, solid, granular particles ("grains")
VS	Bulk, scrap metal Loose or unpacked scrap metal transported in bulk form.
VY	Bulk, solid, fine particles ("powders")
WA	Intermediate bulk container
WB	Wickerbottle
WC	Intermediate bulk container, steel
WD	Intermediate bulk container, aluminium
WF	Intermediate bulk container, metal
WG	Intermediate bulk container, steel, pressurised > 10 kpa
WH	Intermediate bulk container, aluminium, pressurised > 10 kpa
WJ	Intermediate bulk container, metal, pressure 10 kpa
WK	Intermediate bulk container, steel, liquid
WL	Intermediate bulk container, aluminium, liquid
WM	Intermediate bulk container, metal, liquid
WN	Intermediate bulk container, woven plastic, without coat/liner
WP	Intermediate bulk container, woven plastic, coated
WQ	Intermediate bulk container, woven plastic, with liner
WR	Intermediate bulk container, woven plastic, coated and liner
WS	Intermediate bulk container, plastic film
WT	Intermediate bulk container, textile with out coat/liner
WU	Intermediate bulk container, natural wood, with inner liner
WV	Intermediate bulk container, textile, coated
WW	Intermediate bulk container, textile, with liner
WX	Intermediate bulk container, textile, coated and liner
WY	Intermediate bulk container, plywood, with inner liner
WZ	Intermediate bulk container, reconstituted wood, with inner liner
XA	Bag, woven plastic, without inner coat/liner
XB	Bag, woven plastic, sift proof
XC	Bag, woven plastic, water resistant
XD	Bag, plastics film
XF	Bag, textile, without inner coat/liner
XG	Bag, textile, sift proof

Used Codes

XH	Bag, textile, water resistant
XJ	Bag, paper, multi-wall
XK	Bag, paper, multi-wall, water resistant
YA	Composite packaging, plastic receptacle in steel drum
YB	Composite packaging, plastic receptacle in steel crate box
YC	Composite packaging, plastic receptacle in aluminium drum
YD	Composite packaging, plastic receptacle in aluminium crate
YF	Composite packaging, plastic receptacle in wooden box
YG	Composite packaging, plastic receptacle in plywood drum
YH	Composite packaging, plastic receptacle in plywood box
YJ	Composite packaging, plastic receptacle in fibre drum
YK	Composite packaging, plastic receptacle in fibreboard box
YL	Composite packaging, plastic receptacle in plastic drum
YM	Composite packaging, plastic receptacle in solid plastic box
YN	Composite packaging, glass receptacle in steel drum
YP	Composite packaging, glass receptacle in steel crate box
YQ	Composite packaging, glass receptacle in aluminium drum
YR	Composite packaging, glass receptacle in aluminium crate
YS	Composite packaging, glass receptacle in wooden box
YT	Composite packaging, glass receptacle in plywood drum
YV	Composite packaging, glass receptacle in wickerwork hamper
YW	Composite packaging, glass receptacle in fibre drum
YX	Composite packaging, glass receptacle in fibreboard box
YY	Composite packaging, glass receptacle in expandable plastic pack
YZ	Composite packaging, glass receptacle in solid plastic pack
ZA	Intermediate bulk container, paper, multi-wall
ZB	Bag, large
ZC	Intermediate bulk container, paper, multi-wall, water resistant
ZD	Intermediate bulk container, rigid plastic, with structural equipment, solids
ZF	Intermediate bulk container, rigid plastic, freestanding, solids
ZG	Intermediate bulk container, rigid plastic, with structural equipment, pressurised
ZH	Intermediate bulk container, rigid plastic, freestanding, pressurised
ZJ	Intermediate bulk container, rigid plastic, with structural equipment, liquids

Used Codes

ZK	Intermediate bulk container, rigid plastic, freestanding, liquids
ZL	Intermediate bulk container, composite, rigid plastic, solids
ZM	Intermediate bulk container, composite, flexible plastic, solids
ZN	Intermediate bulk container, composite, rigid plastic, pressurised
ZP	Intermediate bulk container, composite, flexible plastic, pressurised
ZQ	Intermediate bulk container, composite, rigid plastic, liquids
ZR	Intermediate bulk container, composite, flexible plastic, liquids
ZS	Intermediate bulk container, composite
ZT	Intermediate bulk container, fibreboard
ZU	Intermediate bulk container, flexible
ZV	Intermediate bulk container, metal, other than steel
ZW	Intermediate bulk container, natural wood
ZX	Intermediate bulk container, plywood
ZY	Intermediate bulk container, reconstituted wood
ZZ	Mutually defined
08	Oneway pallet (GS1 Temporary Code) Pallet need not be returned to the point of expedition.
09	Returnable pallet (GS1 Temporary Code) Pallet must be returned to the point of expedition.
200	Pallet ISO 0 - 1/2 EURO Pallet (GS1 Temporary Code) Standard pallet with dimensions 80 X 60 cm.
201	Pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code) Standard pallet with dimensions 80 X 120 cm.
202	Pallet ISO 2 (GS1 Temporary Code) Standard pallet with dimensions 100 X 120 cm.
203	1/4 EURO Pallet (GS1 Temporary Code) Standard pallet with dimensions 60 X 40 cm.
204	1/8 EURO Pallet (GS1 Temporary Code) Standard pallet with dimensions 40 X 30 cm.
205	Synthetic pallet ISO 1 (GS1 Temporary Code) A standard pallet with standard dimensions 80*120cm made of a synthetic material for hygienic reasons.
206	Synthetic pallet ISO 2 (GS1 Temporary Code) A standard pallet with standard dimensions 100*120cm made of a synthetic material for hygienic reasons.

Used Codes

210	Wholesaler pallet (GS1 Temporary Code) Pallet provided by the wholesaler.
211	Pallet 80 X 100 cm (GS1 Temporary Code) Pallet with dimensions 80 X 100 cm.
212	Pallet 60 X 100 cm (GS1 Temporary Code) Pallet with dimensions 60 X 100 cm.
AH	Pallet 100cms * 110cms Standard sized pallet of dimensions 100centimeters by 110 centimeters (cms). EDIFACT
AI	Clamshell EDIFACT
APE	Aluminium packed (GS1 Temporary Code) Packaging using thin sheets of aluminium.
BGE	Large bag, pallet sized (GS1 Temporary Code) A non-rigid container made of fabric, paper, plastic, etc, with an opening at the top which can be closed and which is suitable for use on pallets.
BME	Blister pack (GS1 Temporary Code) A transparent strip package of pressable plastic which allows the product to be displayed while remaining protected.
BRI	Brick (GS1 Temporary Code) A box made of a cardboard, plastic or metal, used for liquids.
CBL	Container bottle like (GS1 Temporary Code) A non-protected, non-cylindrical, container with a narrow neck made usually of glass or plastic which is especially used for liquids, e.g. perfume bottle.
CCE	Cardboard carrier (GS1 Temporary Code) A package made of cardboard.
CM	Card A flat package usually made of fibreboard from/to which the product is often hung or attached. EDIFACT
E1	Performance meat container E1 (GS1 Temporary Code) Standard performance meat container with dimensions 60 X 40 X 12,5 cm.
E2	Performance meat container E2 (GS1 Temporary Code) Standard performance meat container with dimensions 60 X 40 X 20 cm.
E3	Performance meat container E3 (GS1 Temporary Code) Standard performance meat container with dimensions 60 X 40 X 30 cm.
FOB	Folding box (GS1 Temporary Code) Folded cardboard box e.g for products like frozen vegetables, paper clips

Used Codes

FPE	Foil packed (GS1 Temporary Code) Packaging using a metallic foil.
LAB	Labeled package (GS1 Temporary Code) The package is labeled. Usually the label identifies the name, brand or description of the product within the package.
MPE	Multipack (GS1 Temporary Code) A container for the merchandising of multiple units of the same product.
OPE	Oxygen packed (GS1 Temporary Code) A package with oxygen added for storage purposes.
PAE	Paper (GS1 Temporary Code) An indication that the item(s) is packed in paper.
PJ	Punnet EDIFACT
PLP	Peel pack (GS1 Temporary Code) A package used for sterile products which may be torn open without touching the product inside.
POP	Cone shaped paper wrapper (GS1 Temporary Code) Cone shaped paper wrapping e.g. for an individually packed ice cream cone.
PPE	Polypropylene bag (GS1 Temporary Code) A bag made from polypropylene.
PUE	Tray packed in plastic (GS1 Temporary Code) A board with a ring packed in plastic carrying for small articles.
RB3	Wheeled pallet with raised rim. 81 x 60 x 16 cm (length x width x height). (GS1 Temporary Code) A wheeled pallet with raised rim for the storing and transporting of loads. Dimensions: 81 x 60 x 16 cm (length x width x height).
RCB	Two sided cage on wheels with fixing strap (GS1 Temporary Code) 900 x 770 x 1513 cm (length x width x height) A two sided cage mounted on wheels with fixing strap.Dimensions: 900 x 770 x 1513 cm (length x width x height).
S1	GS1 SMART-Box Type E (GS1 Temporary Code) Standard reusable crate with dimensions 60 x 40 x 21,1 cm.
SEC	Article Surveillance (GS1 Temporary Code) Equipped with article surveillance.
SO	Spool Any cylindrical piece on which something is wound.
SP	Sheet, plastic wrapping EDIFACT

Used Codes

STL	Stick (GS1 Temporary Code) A container for dispensing solid substances, e.g. glue, deodorant.	
T1	Tablet A loose or unpacked article in the form of a bar, block or piece. EDIFACT	
TEV	Tamper evident package (GS1 Temporary Code) A type of package giving easy or immediate recognition that the package has been tampered with after it has been sealed.	
THE	Three pack (GS1 Temporary Code) A package containing three products.	
TL	Tub, with lid EDIFACT	
TRE	Trolley (GS1 Temporary Code) A low cart for the transportation and storage of groceries, milk, etc.	
TTE	Tube, standing (GS1 Temporary Code) A screw-topped pliable cylinder capable of standing and suitable for holding pastes or semi-liquids, e.g. a tube of toothpaste.	
TWE	Two pack (GS1 Temporary Code) A package containing two products.	
UUE	Tube net (GS1 Temporary Code) A plastic or textile tube suitable for carrying loose products, e.g. fruit.	
UVQ	Wrapped in plastic sheet (GS1 Temporary Code) An indication that the items have been wrapped in plastic sheet.	
WRP	Wrapper (GS1 Temporary Code) Wrapping e.g. for an individually packed ice cream.	
X11	Banded package (GS1 Temporary Code) A package with bands, usually metal or nylon, round it to hold the products together.	
X15	Oneway pallet ISO 0 - 1/2 EURO Pallet (GS1 Temporary Code) Oneway pallet with dimensions 80 X 60 cm.	
X16	Oneway pallet ISO 1 - 1/1 EURO Pallet (GS1 Temporary Code) Oneway pallet with dimensions 80 X 120 cm.	
X17	Non-standard pallett (GS1 Temporary Code) Non-Standard pallett	
X18	Parcel with exceptional dimensions (GS1 Temporary Code) Parcel with non-standard dimensions.	
X3	Standard stack of stones (GS1 Temporary Code) Standard stack of stones.	

Used Codes

7073	Packaging terms and conditions code
	Code specifying the packaging terms and conditions.
1	Packaging cost paid by supplier
	The cost of packaging is paid by the supplier.
2	Packaging cost paid by recipient
	The cost of packaging is paid by the recipient.
3	Packaging cost not charged (returnable)
	There is no charge for packaging because it is returnable.
24	Rented
	The package has been, or will be, rented.
	EDIFACT
25	Safe return deposit
	A deposit paid to guarantee the safe return of the package.
26	Not reusable
	The package is not reusable.
	GS1 Description:
	The equipment may only be used once and is not reusable for the purpose for which it was designed.
27	Package exchangeable at the point of delivery
	The package may be exchanged at the point of delivery.
29	Labeled
	The package is labeled.
	EDIFACT
1E	Unpack from (GS1 Temporary Code)
	Code identifying that goods should be unpacked from the identified package.
2E	Repack in (GS1 Temporary Code)
	Code identifying that goods should be repacked from the identified package.
3E	Pack in (GS1 Temporary Code)
	Code identifying that goods should be packed from the identified package.
X11	Packaging recycling fee paid by supplier (GS1 Temporary Code)
	The fee for recycling packaging is paid by the supplier.
XX1	Exchange Pallets (GS1 Temporary Code)
	The pallet is exchanged.
XX2	Return Pallets (GS1 Temporary Code)
	The pallet is returned.
XX3	Pallet - Third Party Exchange (GS1 Temporary Code)
	The pallet is exchaged by a third party.

Used Codes

XX4	**No Exchange / No Return Pallet (GS1 Temporary Code)** No pallet exchange or return.

7077	**Description format code** Code specifying the format of a description.
A	Free-form long description Long description of an item in free form.
B	Code and text Description of an item in coded and free form text.
C	Code (from industry code list) Description of an item in coded format. GS1 Description: Description of an item provided in coded format from an industry list.
D	Free-form price look up Price look-up description of a product for point of sale receipts.
E	Free-form short description Short description of an item in free form.
F	Free-form Description of an item in free form text. GS1 Description: Item related general free form text description, which is neither a short or long description of the item itself.
S	Structured (from industry code list) Description of an item in a structured format.

7143	**Item type identification code** Coded identification of an item type.
IN	Buyer's item number The item number has been allocated by the buyer.
NB	Batch number The item number is a batch number. GS1 Description: Number supplementing the identification code of a product used to identify the specific production place and/or time of a product.
SA	Supplier's article number Number assigned to an article by the supplier of that article.
SRV	GS1 Global Trade Item Number A unique number, up to 14-digits, assigned according to the numbering structure of the GS1 system. 'GS1' stands for the 'Global Standards One'.

Used Codes

7233	Packaging related description code
	Code specifying information related to packaging.
1	Product ingredients not marked on package
	The ingredients of the product are not marked on the packaging of the product.
2	Product price not marked on packaging
	The product price is not marked on the packaging of the product.
3	Product best before date not marked on product package
	The product best before date is not marked on the packaging of the product.
4	Package not marked recyclable
	Package is not marked as recyclable.
5	Promotional details marked
	A code indicating that promotional details have been marked on the package.
7	Sell-by date marked on package
	The package is marked with the last date on which the item may be sold.
8	Use-by date marked on package
	The package is marked with the last date on which the item may be used.
9	Packaging / manufacturing date marked on package
	The package is marked with the date of the packaging or manufacturing of the item.
10	No freshness date marked on package
	Package is not marked with any kind of date indicating freshness, such as use-by, best before or packaging date.
31	Package best before date marked
	Package is marked with the product best before date.
32	Package marked recyclable
	The package is marked recyclable.
33	Package marked returnable
	The package is marked returnable.
50	Package barcoded EAN-13 or EAN-8
	The package is barcoded with EAN-13 or EAN-8 code.
51	Package barcoded ITF-14
	The package is barcoded with ITF-14 code.
52	Package barcoded UCC or EAN-128
	The package is barcoded with UCC or EAN-128 code.
53	Package price marked
	The package is marked with the price.

Used Codes

54	Product ingredients marked on package
	The ingredients of the product contained in a package are marked on that package.
64	Package never EPC tagged.
	The package will never be tagged with an EPC (Electronic Product Code) transponder.
65	Package sometimes EPC tagged
	The package will sometimes be tagged with an EPC (Electronic Product Code) transponder.
78	Package bar-coded and EPC tagged
	The package is bar-coded and tagged with an EPC (Electronic Product Code) transponder.
79	Package EPC tagged only
	The package is tagged with an EPC (Electronic Product Code) transponder only.
80	Marked with "display until date"
	Package is marked with the date by which the product should be removed from the display location.
81	Package marked with a variable measure barcode
	The package is marked with a variable measure barcode.
82	Package marked with fixed measure barcode
	The package is marked with a fixed measure barcode.
LAB	Labeled according to General GS1 Specifications for clothing and fashion accessories (GS1 Temporary Code)
	The item is labeled according to the General GS1 Specifications for clothing and fashion accessories.
NAB	Not labeled acc. to GS1 (GS1 Temporary Code)
	Specifications for clothes and fashion accessoires
NBR	Not barcoded (GS1 Temporary Code)
	The package is not barcoded.
RL1	Peg hole round 1 (GS1 Temporary Code)
	The item's packaging has a round peg hole. (European norm DIN EN 13010: 2003 (substitute for DIN 55512-1:1984-12))
SL1	Peg hole slot hole 1 (GS1 Temporary Code)
	The item's packaging has a slot peg hole of type 1. (European norm DIN EN 13010:2003 (substitute for DIN 55512-1:1984-12))
SL3	Peg hole slot hole 3 (GS1 Temporary Code)
	The item's packaging has a slot peg hole of type 3. (European norm DIN EN 13010:2003 (substitute for DIN 55512-1:1984-12))
X01	Composite Component A (GS1 Temporary Code)
	Packaging marked with CC-A barcode.

Used Codes

X02	Composite Component B (GS1 Temporary Code) Packaging marked with CC-B barcode.
X03	Composite Component C (GS1 Temporary Code) Packaging marked with CC-C barcode.
X04	RSS-14 (GS1 Temporary Code) Packaging marked with RSS-14 (GS1 DataBar) symbology.
X05	RSS-14 Stacked (GS1 Temporary Code) Packaging marked with RSS-14 (GS1 DataBar) stacked symbology.
X06	RSS-14 Staked omnidirectional (GS1 Temporary Code) Packaging marked with RSS-14 (GS1 DataBar) stacked omnidirectional symbology.
X07	RSS-14 Truncated (GS1 Temporary Code) Packaging marked with RSS-14 (GS1 DataBar) truncated symbology.
X08	RSS expanded (GS1 Temporary Code) Packaging marked with RSS (GS1 DataBar) expanded symbology.
X09	RSS expanded truncated (GS1 Temporary Code) Packaging marked with RSS (GS1 DataBar) expanded truncated symbology.
X10	RSS limited (GS1 Temporary Code) Packaging marked with RSS (GS1 DataBar) limited symbology.
X11	UPC A symbol (GS1 Temporary Code) Packaging marked with UPC A symbol.
X12	UPC E Symbol (GS1 Temporary Code) Packaging marked with UPC E symbol.
X13	EANUCC 14 Symbol (GS1 Temporary Code) Packaging marked with EAN UCC 14 symbology.
X14	Package not marked returnable (GS1 Temporary Code) Packaging marked with EAN UCC 14 symbology.
X15	Gift wrapping (GS1 Temporary Code) Trade item is packaged in a gift wrapping.
X16	Greeting card (GS1 Temporary Code) Trade item is accompanied by a greeting card.

7405	Object identification code qualifier Code qualifying the identification of an object.
AW	Serial shipping container code A single unique serial number which identifies shipping containers or shipping packages. GS1 Note: Replaces code BJ.

Used Codes

BJ	Serial shipping container code
	A single unique serial number which identifies shipping containers or shipping packages.
	GS1 Note: Code marked for deletion. Use AW instead.
	GS1 Description:
	A single unique serial number which identifies shipping containers or shipping packages.
BN	Serial number
	Identification number of an item which distinguishes this specific item out of a number of identical items.
BX	Batch number
	Unique number affixed by manufacturer to a batch of products produced under similar conditions.
CPE	Coupon number (GS1 Temporary Code)
	A number identifying a coupon which is attached to the identified product.
CQE	Cheque number (GS1 Temporary Code)
	A number identifying a cheque.
CRE	Price marked on product (GS1 Temporary Code)
	The price per unit of measure is marked on trade item.
CU	GS1 Global Individual Asset Identifier
	Unique number, consisting of the GS1 Company Prefix and an Individual Asset Reference.
	GS1 Note: Replaces GS1 Temporary Code IAG.
DA	GS1 Global Returnable Asset Identifier, without serial number
	A unique number, consisting of a fixed 13-digits part. It allows the unique identification of a particular type of Returnable Asset.
DB	GS1 Global Returnable Asset Identifier, with serial number
	A unique number, consisting of a fixed 13-digits part and a mandatory Serial Number of up to 16 digits. The fixed part allows for the unique identification of a particular kind of Returnable Asset, the second part is assigned to distinguish individual assets within a given Returnable Asset type.
DC	GS1 Global Identification Number for Consignment (GINC)
	A unique number that identify a consignment comprised of one or more logistic units that are intended to be transported together.
DD	GS1 Global Shipment Identification Number (GSIN)
	A unique number that identify a shipment comprised of one or more logistic units that are intended to be delivered together.
EI	IMEI
	The International Mobile Station Equipment Identity (IMEI) is a unique number to identify mobile phones. It includes the origin, model and serial number of the device. The structure is specified in 3GPP TS 23.003.
	GS1 Note: Replaces GS1 Temporary Code SUF.

Used Codes

SRV   GS1 Global Trade Item Number (GS1 Temporary Code)

A unique number, up to 14-digits, assigned according to the numbering structure of the GS1 system. 'GS1' stands for the 'Global Standards One'.
GS1 Note: Replaces code EU.

SUF   IMEI (GS1 Temporary Code)

The International Mobile Station Equipment Identity (IMEI) is a unique number to identify mobile phones. It includes the origin, model and serial number of the device. The structure is specified in 3GPP TS 23.003.
GS1 Note: Code marked for deletion. Use EI instead.

Liefermeldung

Example

```
UNA:+.? '
UNB+UNOC:3+4012345000009:14:4012345000018+4000004000002:14:4000004000099
+181013:1043+4711+REF:AA++++EANCOM+1'
UNH+ME000001+DESADV:D:01B:UN:EAN008'
BGM+351+87441+9'
DTM+137:20201020:102'
DTM+17:20201028:102'
DTM+11:20201028:102'
DTM+200:20181028:102'
RFF+ON:4711'
RFF+VN:4712'
RFF+AAS:4713'
RFF+DQ:4714'
RFF+AAN:4715'
NAD+BY+4071615111110::9'
NAD+SU+4389876511113::9+X:X:X:X:X'
RFF+GN:HRB-471111'
RFF+YC1:0817'
NAD+DP+4089876511118::9++Warenempfänger-Name 1:Warenempfänger-Name 2:War
enempfänger-Name 3+Industriestr.13+Köln++50825+DE'
RFF+YC1:0816'
NAD+IV+4071615111235::9'
RFF+YC1:0847'
NAD+PW+4071615111250::9'
RFF+YC1:0808'
NAD+FW+4154321000005::9'
RFF+YC1:0818'
NAD+SF+4012345000009::9'
CPS+1'
PAC+10+:52+201::9'
CPS+2+1'
PAC+1+:52:27+201::9'
MEA+PD+LAY+:3'
PCI+39'
GIN+AW+340123450000000014'
PCI+47'
GIN+DA+401234500003000125'
LIN+1++4056786542381:SRV'
PIA+1+7788:SA::91'
PIA+1+1234:IN::92'
PIA+1+CH-X4711:NB::91'
```

Example

```
QTY+12:5'
QTY+192:1'
RFF+ON:4811:7'
RFF+LI:7'
PCI+44+1:1:1'
DTM+361:20201231:102'
PCI+13+1:1:1'
DTM+94:20200930:102'
PCI+43+1:1:1'
DTM+36:20201130:102'
UNT+48+ME000001'
UNZ+1+4711'
```