EDI-Recommendations of GS1 Germany Version 9.3

GS1 DE All

Total Invoice
(INVOIC)

EANCOM 2002 Syntax 3

Einführung

Introduction

The aim of the brochure on hand is to offer documentation describing the exchange of total invoice data between business partners, i.e., the detail section of the total invoice references to other documents with article information.

The basis of this elaboration is the international standard EANCOM® 2002. The message type INVOIC 011 is used to transmit relevant data. GEFEG.FX (Gefeg mbH, Berlin) was used as the documentation tool.

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

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

Important note

To fulfill the requirements of directive 2003/58/EG, article 4, C058 has been opened in NAD segments identifying a message sender. If the place in the 5 DE 3124 is not sufficient, the following RFF segments can be used, qualified with DE 1153 = GN. DE 1154 has got a capacity of 70 digits. Only in those cases, when no RFF segment follows NAD, a RFF+GN can be used in the heading section of the message. Within the EDI recommendations of GS1 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

Einführung

inhouse application) with the elements from the EANCOM® syntax.

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

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 issuer of invoice, invoicee, invoice date and invoice number.

Detail section
Reference to other documents with article information and related amounts.

Summary section
The summary section contains total amounts of the total invoice incl. tax specification.

Note to the deatil section of the documentation

One line of the detail section refers to one document and one VAT rate, i.e., if a document with more than one tax rate shall be invoiced the appropriate number of lines is necessary.

Notes to EDI recommendations based on EANCOM® message type INVOIC

Agreements Summary Section

Indication of segment status in “Segment notes”

For all conditional MOA segments within our recommended INVOIC structured messages (UNH DE 0065 = INVOIC), DE 5004 may NOT have a value of zero (0) and must be omitted, unless it is qualified (e.g., taxable value = 0 for non-taxable sums such as donations).

For all mandatory MOA segments within our recommended INVOIC structured messages (UNH DE 0065 = INVOIC), DE 5004 must have a value, even if it is zero (0).

The taxable amount (MOA+125) and the amount of the tax (MOA+124) must be indicated, even if they have a value of zero (0).

Segment group 52 is only used, if the invoice contains more than one tax rate. Every tax rate of the lines must be indicated in one SG52. If an invoice/credit note contains tax-free sums in addition to taxable sums, the summary section of the invoice (and the invoice register message BGM+393, if the use of this message is bilaterally agreed) must contain the corresponding TAX segment in SG52.

Einführung

Accompanying documents

Special brochure: Beschreibung der Darstellung von Spenden in der EANCOM® INVOIC

Special brochure: Beschreibung der Darstellung von Münzgeld (Zigaretten-Automatenpackungen) in der EANCOM® INVOIC

Definitions

Within the EDI recommendations the following terms are in use:

Delivery note (Lieferschein)
The delivery note is a list with type and quantity of goods delivered to a plant location. The paper document is handed over at the place of goods receipt together with the products.

Proforma invoice (Liefernachweis)
(Electronic) document to the same destination (retailers head office) as the invoice with the content f the delivery note (including or exclusive prices, but WITHOUT VAT amounts).

Consolidation of proforma invoices (Sammelrechnung)
On line level accumulated invoice to merge delivery notes/proforma invoices.

Collective settlement (Sammelabrechnung, Zusammenfassende Rechnung)
Note: By change of the German §14 USTG (Value Added Tax Act) this printed document is no more relevant for tax purposes in Germany.

Total invoice (Summenrechnung)
At line level of the invoice references to other documents are provided which refer to products and/ or services.

Invoice register (Rechnungsliste)
Paper document to sum up invoices of one invoicing period and containing control amounts. If this document is requested for organisational purposes, it must be agreed on a bilaterally basis.

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
Agreement date	16	DTM	SG1#2	C507	2380
Agreement number	15	RFF	SG1#2	C506	1154
Allocation allowance/charge:VAT rate	48	TAX	SG16#1\SG22#1	C241	5153
Allowance amount (single document)	77	MOA	SG26#1\SG39#1\SG42#1	C516	5004
Allowance or charge quantity	43	QTY	SG16#1\SG18#1	C186	6060
Allowance or charge rate	47	RTE	SG16#1\SG21#1	C128	5420
Allowance or charge rate (line level)	79	RTE	SG26#1\SG39#1\SG43#1	C128	5420
Application reference	2	UNB			0026
Basis amount allowance/charge (invoice level)	45	MOA	SG16#1\SG20#1	C516	5004
Basis amount allowance/charge (single document)	78	MOA	SG26#1\SG39#1\SG42#2	C516	5004
Basis for discount quantity	75	QTY	SG26#1\SG39#1\SG40#1	C186	6060
Buyers (VA)Tax registration number	19	RFF	SG2#1\SG3#2	C506	1154
Buyers additional identification	18	RFF	SG2#1\SG3#1	C506	1154
Character set	2	UNB		S001	0001
Component data element separator	1	UNA			UNA1
Country of origin	8	ALI			3239
Country of origin (line level)	51	ALI	SG26#1		3239
Country of receiver, coded	23	NAD	SG2#3		3207
Country of receiver, coded (line level)	70	NAD	SG26#1\SG35#1		3207
Creation date	5	DTM		C507	2380
Currency	33	CUX	SG7#1	C504	6345
Data element separator	1	UNA			UNA2
Decimal notation	1	UNA			UNA3
Delivery date	53	DTM	SG26#1	C507	2380
Delivery note	65	RFF	SG26#1\SG30#2	C506	1154
Delivery party additional identification	24	RFF	SG2#3\SG3#1	C506	1154
Delivery party additional identification (line level)	71	RFF	SG26#1\SG35#1\SG36#1	C506	1154
Delivery party identification	23	NAD	SG2#3	C082	3039
Delivery party identification (line level)	70	NAD	SG26#1\SG35#1	C082	3039
Despatch advice	67	RFF	SG26#1\SG30#3	C506	1154

Business Terms

Business Term	EANCOM-Segment			Data Element	
	Seg.-No.	Segment	SG	DEG	DE
Discount amount (document)	46	MOA	SG16#1\SG20#2	C516	5004
Document Number	4	BGM		C106	1004
Document qualification	4	BGM		C002	1000
Due date without deduction	35	DTM	SG8#1	C507	2380
EANCOM	2	UNB			0032
End of the transmission file, Number of messages or message groups	93	UNZ			0036
File creation date	2	UNB		S004	0017
File creation time	2	UNB		S004	0019
Forwarder	31	NAD	SG2#5	C082	3039
Forwarder (line level)	73	NAD	SG26#1\SG35#2	C082	3039
Free text	10	FTX		C108	4440
Free text	11	FTX		C108	4440
Free text (line level)	55	FTX	SG26#1	C108	4440
Free text, Code	11	FTX		C107	4441
Identification of buyer/invoicee	17	NAD	SG2#1	C082	3039
Identification of invoicee	20	NAD	SG2#2	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	93	UNZ			0020
Internal customer number of suppliers system	25	RFF	SG2#3\SG3#2	C506	1154
Internal customer number of suppliers system (line level)	72	RFF	SG26#1\SG35#1\SG36#2	C506	1154
Invoice register date	14	DTM	SG1#1	C507	2380
Invoice register number	13	RFF	SG1#1	C506	1154
Invoice taxable amount	83	MOA	SG50#3	C516	5004
Invoice taxable amount per VAT rate	90	MOA	SG52#1	C516	5004
Invoice total line items amount	82	MOA	SG50#2	C516	5004
Invoice total line items amount per tax rate	88	MOA	SG52#1	C516	5004
Invoice total tax amount	85	MOA	SG50#5	C516	5004
Invoicees (VA)Tax registration number	22	RFF	SG2#2\SG3#2	C506	1154
Invoicees additional identification	21	RFF	SG2#2\SG3#1	C506	1154
Invoicing period	6	DTM		C507	2380
Invoicing period (line level)	54	DTM	SG26#1	C507	2380
Line item number	49	LIN	SG26#1		1082
Message function	4	BGM			1225

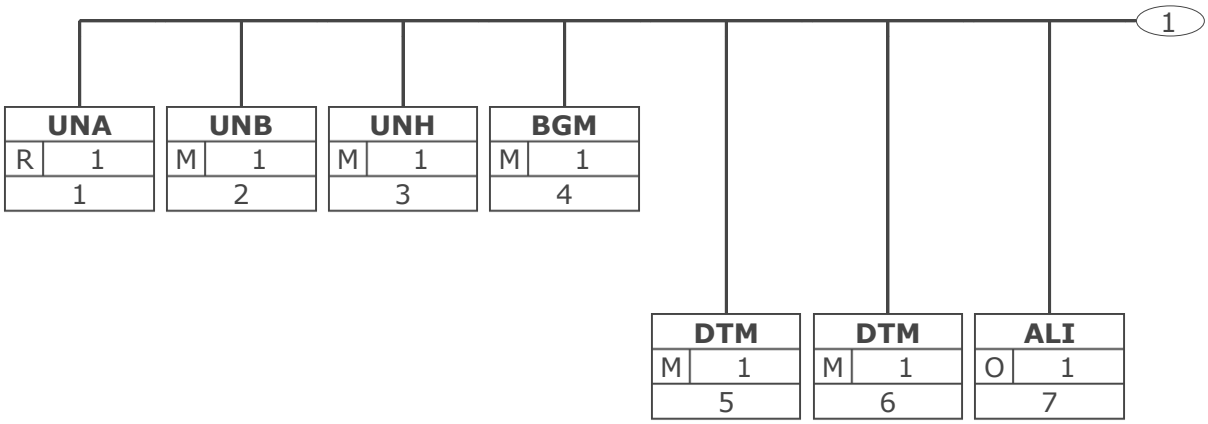
Business Terms

Business Term	EANCOM-Segment			Data Element	
	Seg.-No.	Segment	SG	DEG	DE
Message reference number	3	UNH			0062
Monetary value of early payment allowance	39	MOA	SG8#2	C516	5004
Name 1 of the receiver	23	NAD	SG2#3	C080	3036
Name 1 of the receiver (line level)	70	NAD	SG26#1\SG35#1	C080	3036
Name 2 of the receiver	23	NAD	SG2#3	C080	3036
Name 2 of the receiver (line level)	70	NAD	SG26#1\SG35#1	C080	3036
Name 3 of the receiver	23	NAD	SG2#3	C080	3036
Name 3 of the receiver (line level)	70	NAD	SG26#1\SG35#1	C080	3036
Not subject to discount	7	ALI			4183
Not subject to discount (line level)	50	ALI	SG26#1		4183
Password interchange	2	UNB		S005	0022
Payment terms 1	34	PAT	SG8#1		4279
Payment terms 1	36	PAT	SG8#2		4279
Payment terms 2	40	PAT	SG8#3		4279
Percentage allowance/charge (single document)	76	PCD	SG26#1\SG39#1\SG41#1	C501	5482
Percentage discount (document)	44	PCD	SG16#1\SG19#1	C501	5482
Place of receiver - name of a city	23	NAD	SG2#3		3164
Place of receiver - name of a city (line level)	70	NAD	SG26#1\SG35#1		3164
Postcode of receiver	23	NAD	SG2#3		3251
Postcode of receiver (line level)	70	NAD	SG26#1\SG35#1		3251
Proforma invoice number	63	RFF	SG26#1\SG30#1	C506	1154
Rate of early payment allowance	38	PCD	SG8#2	C501	5482
Rate of exchang	33	CUX	SG7#1		5402
Reduction of payment, Code	10	FTX		C107	4441
Reference date delivery note	66	DTM	SG26#1\SG30#2	C507	2380
Reference date despatch advice	68	DTM	SG26#1\SG30#3	C507	2380
Reference date proforma invoice	64	DTM	SG26#1\SG30#1	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
Shrinkage amount (fruit/ vegetables)	62	MOA	SG26#1\SG27#7	C516	5004
Statements on business letters	27	RFF	SG2#4\SG3#1	C506	1154
Street and number of receiver	23	NAD	SG2#3	C059	3042

Business Terms

Business Term	EANCOM-Segment			Data Element	
	Seg.-No.	Segment	SG	DEG	DE
Street and number of receiver (line level)	70	NAD	SG26#1\SG35#1	C059	3042
Supplier/issuer of invoice fiscal number	29	RFF	SG2#4\SG3#3	C506	1154
Supplier/issuer of invoice identification	26	NAD	SG2#4	C082	3039
Supplier/issuer of invoice VAT registration number	30	RFF	SG2#4\SG3#4	C506	1154
Suppliers additional identification	28	RFF	SG2#4\SG3#2	C506	1154
Supply direct to retail store	9	ALI			4183
Supply direct to retail store (line level)	52	ALI	SG26#1		4183
Syntax version	2	UNB		S001	0002
Tax amount of the single document	60	MOA	SG26#1\SG27#5	C516	5004
Tax amount per tax rate	89	MOA	SG52#1	C516	5004
Tax per invoice amount	87	TAX	SG52#1	C241	5153
Taxable amount of the single document	58	MOA	SG26#1\SG27#3	C516	5004
Terms discount due date	37	DTM	SG8#2	C507	2380
Test indicator	2	UNB			0035
Total amount of the single document	56	MOA	SG26#1\SG27#1	C516	5004
Total charges/allowances	84	MOA	SG50#4	C516	5004
Total charges/allowances (line level)	59	MOA	SG26#1\SG27#4	C516	5004
Total charges/allowances per tax rate	91	MOA	SG52#1	C516	5004
Total invoice amount	81	MOA	SG50#1	C516	5004
Total line items amount of the single document	57	MOA	SG26#1\SG27#2	C516	5004
Total number of segments	92	UNT			0074
Total retail value	86	MOA	SG50#6	C516	5004
Total retail value (line level)	61	MOA	SG26#1\SG27#6	C516	5004
Triangle Business	12	FTX		C107	4441
Type of allowance or charge	42	ALC	SG16#1	C552	1230
Type of allowance or charge (referenced document)	74	ALC	SG26#1\SG39#1	C552	1230
Value added tax on document level	32	TAX	SG6#1	C241	5153
Value added tax rate of the single document	69	TAX	SG26#1\SG34#1	C241	5153
Value date	41	DTM	SG8#3	C507	2380

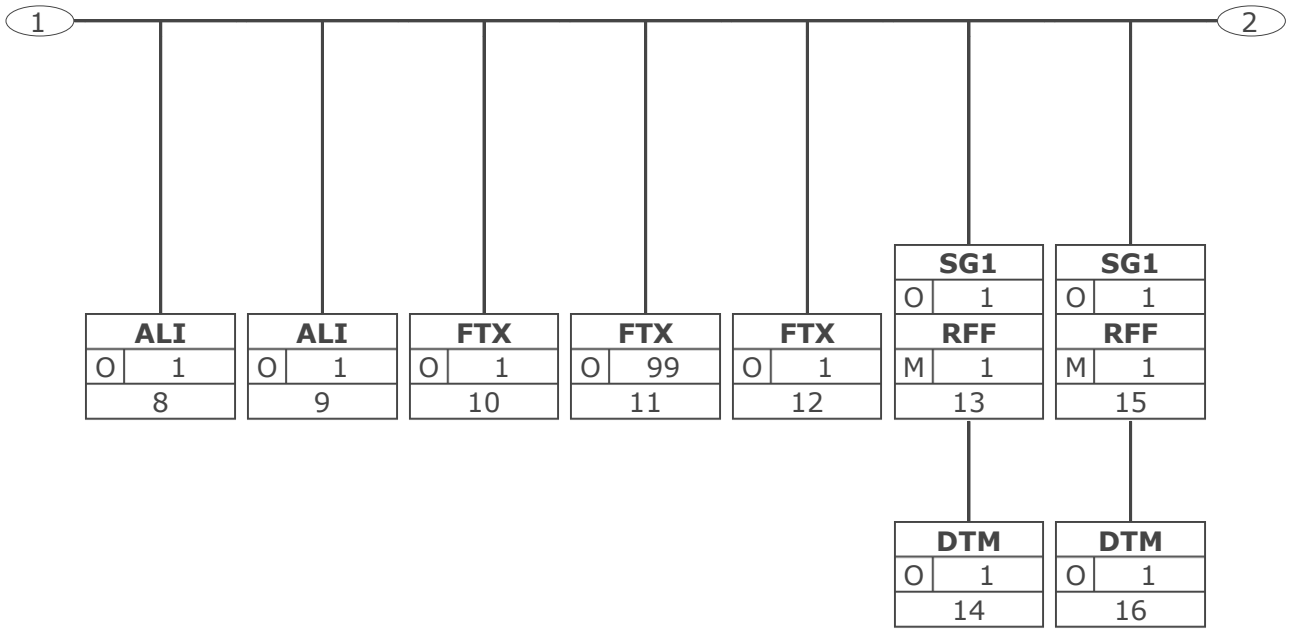
Branching Diagram



Tag	
St	MaxOcc
No	

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

Branching Diagram



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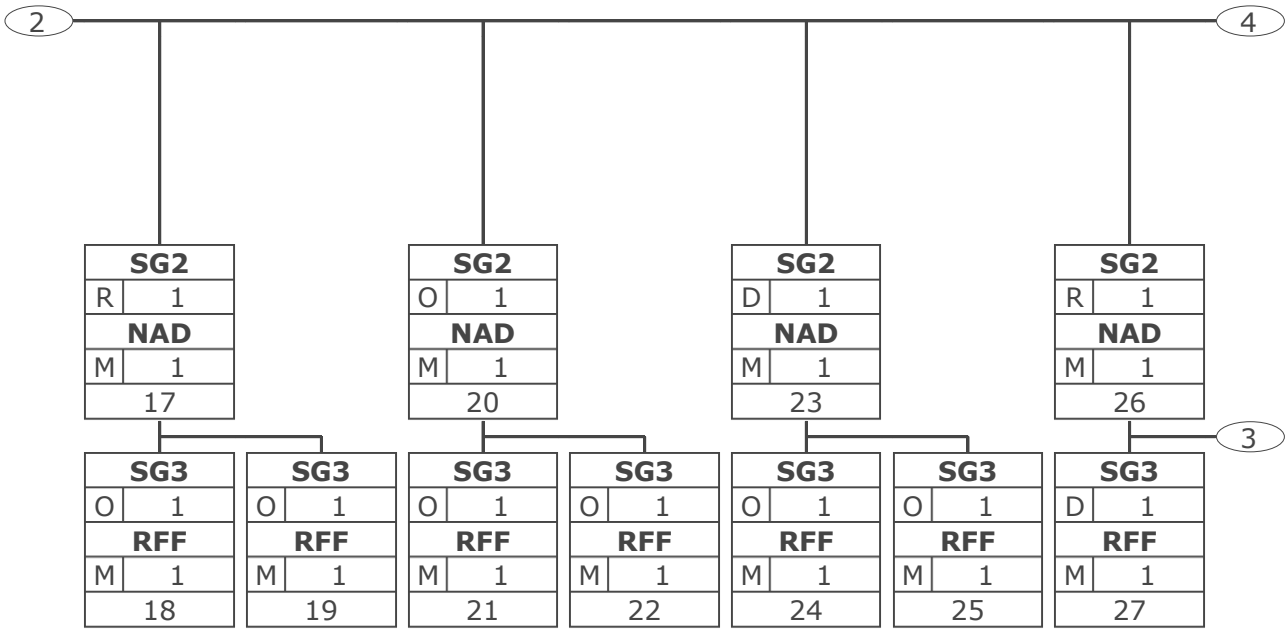

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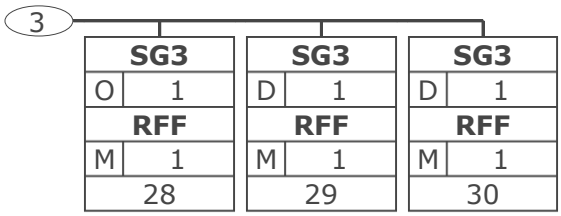

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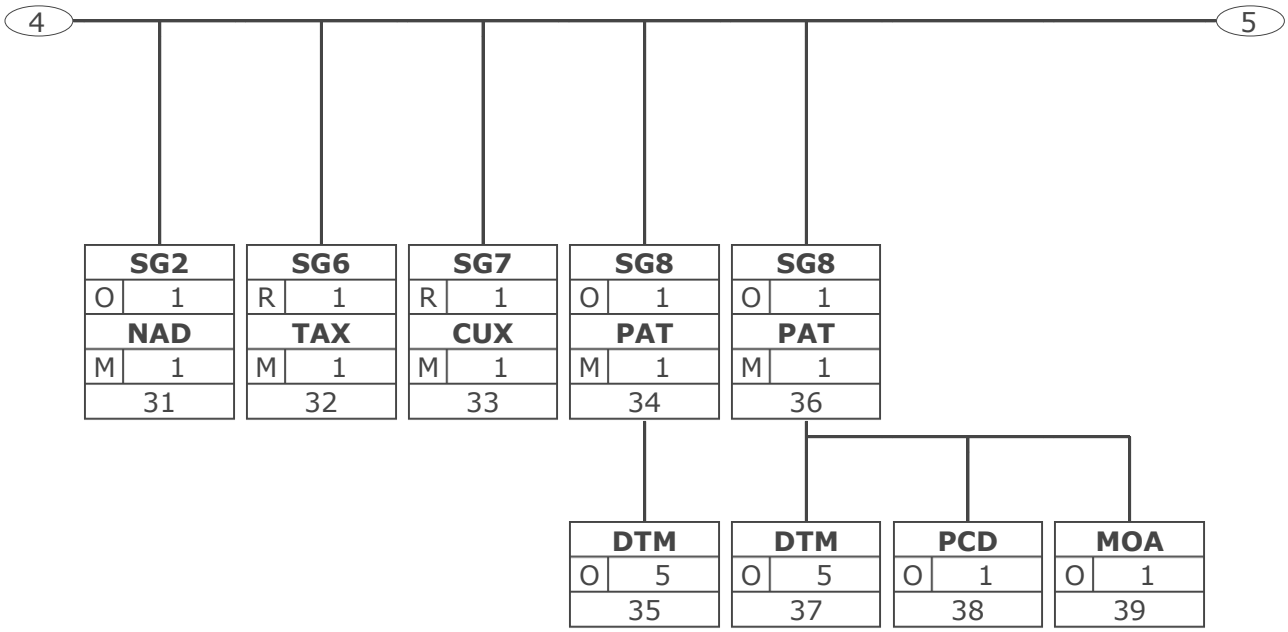

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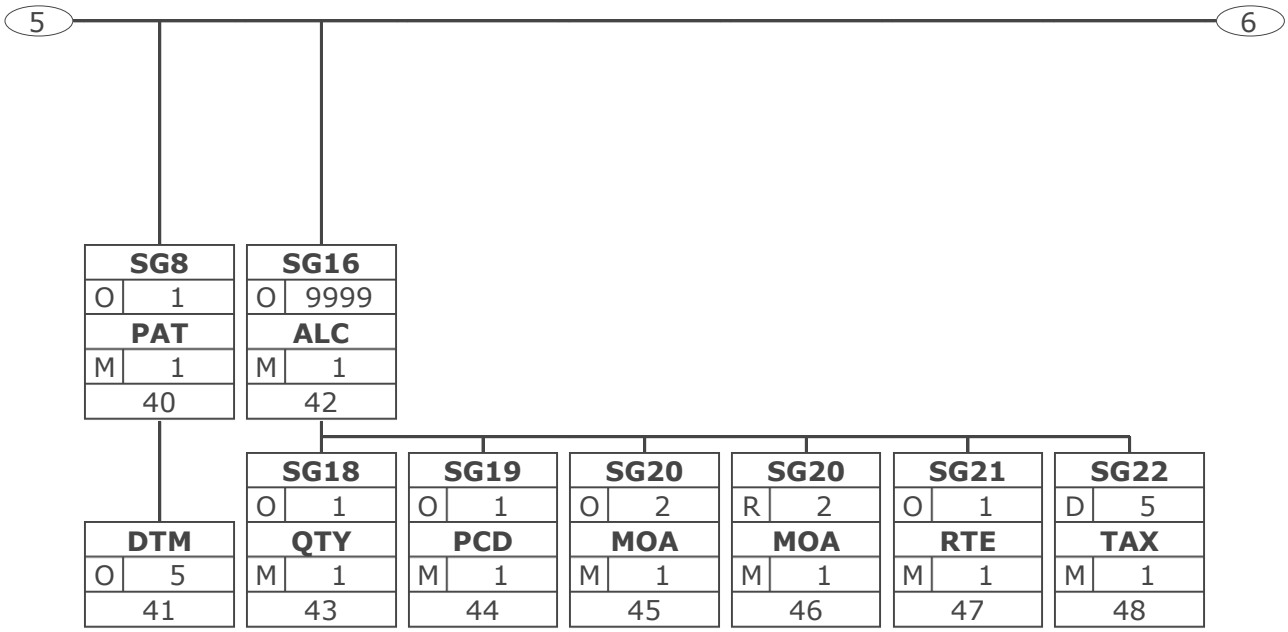

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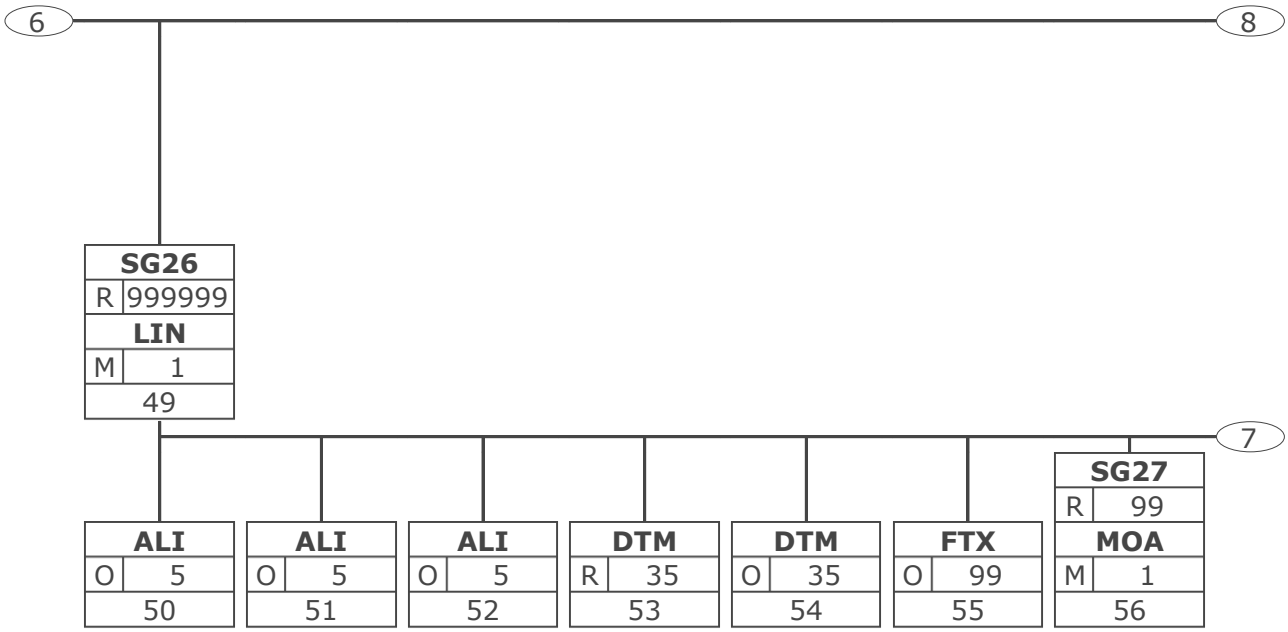

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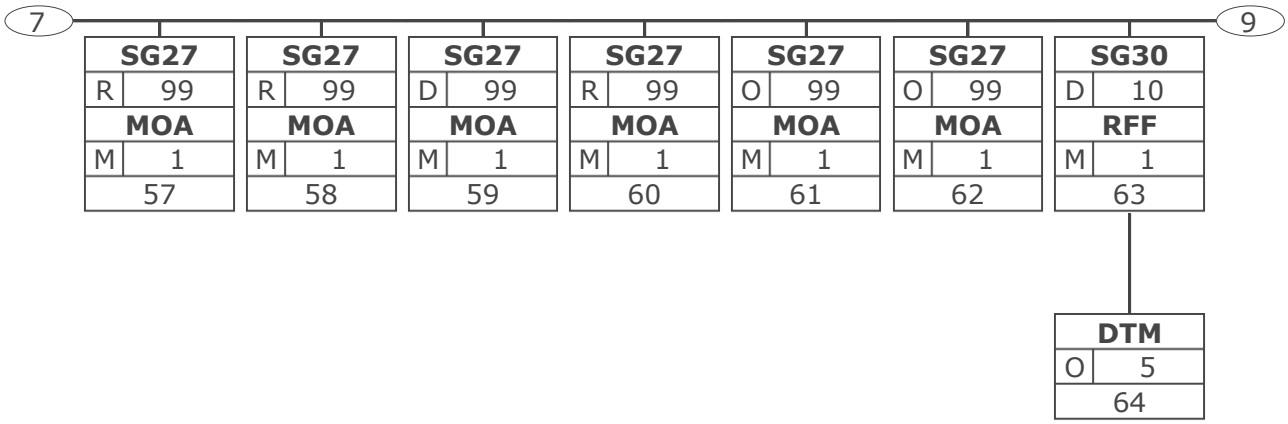

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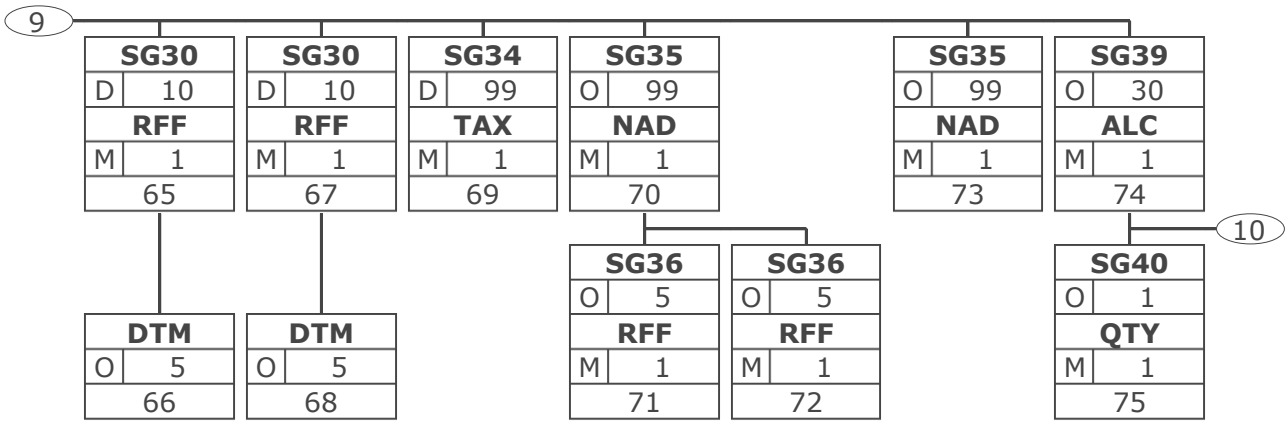

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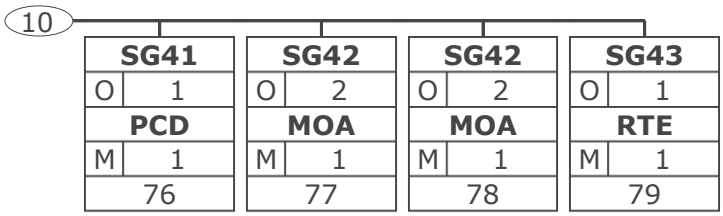

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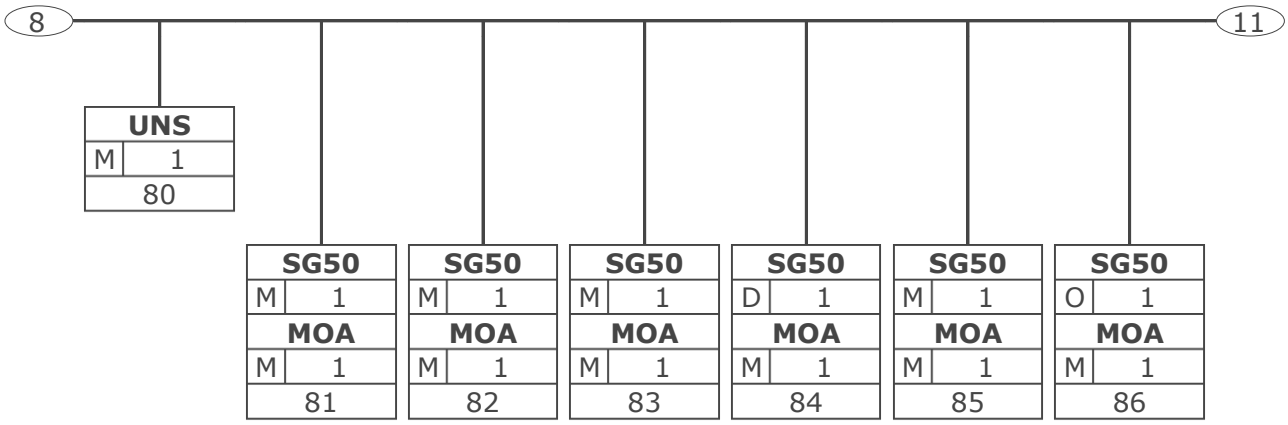

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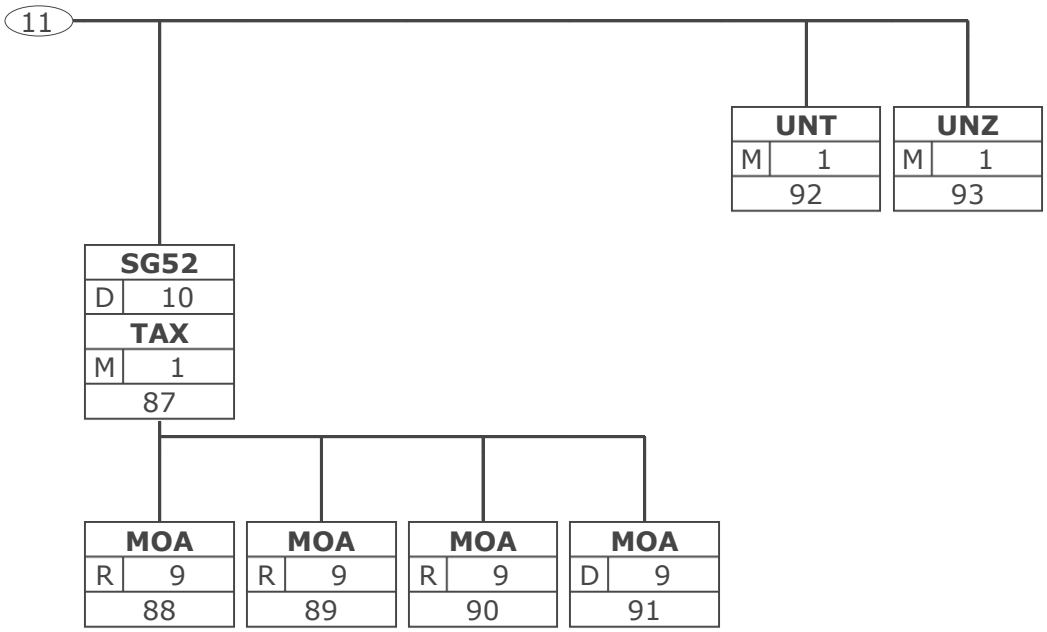

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St = Status (M=Mandatory, C=Conditional, R=Required, O=Optional, A=Advised, D=Dependent)
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Message Structure

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 Number
DTM	5	M	1	Creation date
DTM	6	M	1	Invoicing period
ALI	7	O	1	Not subject to discount
ALI	8	O	1	Country of origin
ALI	9	O	1	Supply direct to retail store
FTX	10	O	1	Fee reduction
FTX	11	O	99	Free text
FTX	12	O	1	EU delivery
SG1		O	1	RFF-DTM
RFF	13	M	1	Invoice register number
DTM	14	O	1	Invoice register date
SG1		O	1	RFF-DTM
RFF	15	M	1	Agreement number
DTM	16	O	1	Agreement date
SG2		R	1	NAD-FII-SG3-SG5
NAD	17	M	1	Identification of buyer/invoicee
SG3		O	1	RFF
RFF	18	M	1	Buyers additional identification
SG3		O	1	RFF
RFF	19	M	1	Buyers (VA)Tax registration number
SG2		O	1	NAD-FII-SG3-SG5
NAD	20	M	1	Identification of invoicee
SG3		O	1	RFF
RFF	21	M	1	Invoicees additional identification
SG3		O	1	RFF
RFF	22	M	1	Invoicees (VA)Tax registration number
SG2		D	1	NAD-FII-SG3-SG5
NAD	23	M	1	Delivery party identification
SG3		O	1	RFF
RFF	24	M	1	Delivery party additional identification
SG3		O	1	RFF
RFF	25	M	1	Internal customer number of suppliers system
SG2		R	1	NAD-FII-SG3-SG5
NAD	26	M	1	Supplier/issuer of invoice identification
SG3		D	1	RFF
RFF	27	M	1	Statements on business letters
SG3		O	1	RFF
RFF	28	M	1	Suppliers additional identification
SG3		D	1	RFF
RFF	29	M	1	Supplier/issuer of invoice fiscal tax number
SG3		D	1	RFF

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
RFF	30	M	1	Supplier/issuer of invoice VAT registration number
SG2		O	1	NAD-FII-SG3-SG5
NAD	31	M	1	Forwarder
SG6		R	1	TAX-MOA
TAX	32	M	1	Value added tax on document level
SG7		R	1	CUX-DTM
CUX	33	M	1	Currency
SG8		O	1	PAT-DTM-PCD-MOA-PAI-FII
PAT	34	M	1	Payment terms 1
DTM	35	O	5	Due date without deduction
SG8		O	1	PAT-DTM-PCD-MOA-PAI-FII
PAT	36	M	1	Payment terms 1
DTM	37	O	5	Terms discount due date
PCD	38	O	1	Rate of early payment allowance
MOA	39	O	1	Monetary value of early payment allowance
SG8		O	1	PAT-DTM-PCD-MOA-PAI-FII
PAT	40	M	1	Payment terms 2
DTM	41	O	5	Value date
SG16		O	9999	ALC-SG18-SG19-SG20-SG21-SG22
ALC	42	M	1	Type of allowance or charge
SG18		O	1	QTY
QTY	43	M	1	Allowance or charge quantity
SG19		O	1	PCD
PCD	44	M	1	Percentage discount (document)
SG20		O	2	MOA
MOA	45	M	1	Basis amount allowance/charge (invoice level)
SG20		R	2	MOA
MOA	46	M	1	Discount amount (document)
SG21		O	1	RTE
RTE	47	M	1	Allowance or charge rate
SG22		D	5	TAX-MOA
TAX	48	M	1	Allocation allowance/charge:VAT rate
Detail section - single document				
SG26		R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
LIN	49	M	1	Line Item - single document
ALI	50	O	5	Not subject to discount
ALI	51	O	5	Country of origin
ALI	52	O	5	Supply direct to retail store
DTM	53	R	35	Delivery date
DTM	54	O	35	Invoicing period
FTX	55	O	99	Free text
SG27		R	99	MOA
MOA	56	M	1	Total invoice amount
SG27		R	99	MOA

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
MOA	57	M	1	Total line items amount of the single document
SG27		R	99	MOA
MOA	58	M	1	Invoice taxable amount
SG27		D	99	MOA
MOA	59	M	1	Total charges/allowances
SG27		R	99	MOA
MOA	60	M	1	Tax amount of the single document
SG27		O	99	MOA
MOA	61	M	1	Total retail value
SG27		O	99	MOA
MOA	62	M	1	Shrinkage amount (fruit/vegetables)
SG30		D	10	RFF-DTM
RFF	63	M	1	Proforma Invoice number
DTM	64	O	5	Reference date
SG30		D	10	RFF-DTM
RFF	65	M	1	Delivery note
DTM	66	O	5	Reference date
SG30		D	10	RFF-DTM
RFF	67	M	1	Despatch advice
DTM	68	O	5	Reference date
SG34		D	99	TAX-MOA
TAX	69	M	1	VAT rate in the single document
SG35		O	99	NAD-SG36
NAD	70	M	1	Delivery party identification
SG36		O	5	RFF
RFF	71	M	1	Delivery party additional identification
SG36		O	5	RFF
RFF	72	M	1	Internal customer number of suppliers system
SG35		O	99	NAD-SG36
NAD	73	M	1	Forwarder
SG39		O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
ALC	74	M	1	Type of allowance or charge (referenced document)
SG40		O	1	QTY
QTY	75	M	1	Basis for discount quantity
SG41		O	1	PCD
PCD	76	M	1	Percentage allowance/charge (single document)
SG42		O	2	MOA
MOA	77	M	1	Allowance amount (single document)
SG42		O	2	MOA
MOA	78	M	1	Basis amount allowance/charge (line level)
SG43		O	1	RTE
RTE	79	M	1	Allowance/charge rate (single document)

Summary section

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
UNS	80	M	1	Begin summary section
SG50		M	1	MOA-SG51
MOA	81	M	1	Total invoice amount
SG50		M	1	MOA-SG51
MOA	82	M	1	Invoice total line items amount
SG50		M	1	MOA-SG51
MOA	83	M	1	Invoice taxable amount
SG50		D	1	MOA-SG51
MOA	84	M	1	Total charges/allowances
SG50		M	1	MOA-SG51
MOA	85	M	1	Invoice total tax amount
SG50		O	1	MOA-SG51
MOA	86	M	1	Total retail value
SG52		D	10	TAX-MOA
TAX	87	M	1	Tax per invoice amount
MOA	88	R	9	Invoice total line items amount per tax rate
MOA	89	R	9	Tax amount per tax rate
MOA	90	R	9	Invoice taxable amount per VAT rate
MOA	91	D	9	Total charges/allowances per tax rate
UNT	92	M	1	End of the message
UNZ	93	M	1	End of the transmission file

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

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: " ' "

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

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

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

Segment Layout

Business Term	DE	EDIFACT	Format	St	*	Description
						test

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

For international EDI the use of character set UNOA is recommended. For national (German) EDI the use of UNOC is reasonable because it contains lower case letters and umlauts.

Note DE 0008:
The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's (source) system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

Note DE 0014:
The routing adress is used to identify the receiver, if a provider adds service values for the actual receiver (e.g. consolidated companies, corporate group). The use of the identification system (e.g. GLN) has to be agreed bilaterally.

Note DE 0020:
This data element must contain a consistent sequential number per interchange between sender and receiver of the transmission.

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

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

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
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	*	INVOIC Invoice 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	*	EAN011 GS1 version control number (GS1 Permanent Code)

Segmentstatus: Mandatory

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

Example: `UNH+ME000001+INVOIC:D:01B:UN:EAN011'`
The reference number of the invoice 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	*	380 Commercial invoice 381 Credit note - goods and services
	1131	Code list identification code	an..17	N		
	3055	Code list responsible agency code	an..3	N		
Document qualification	1000	Document name	an..35	O		SUMMENRECHNUNG
	C106	Document/message identification		R		
Document Number	1004	Document identifier	an..35	R		Document number assigned by sender
Message function	1225	Message function code	an..3	R	*	7 Duplicate 9 Original

Segmentstatus: Mandatory

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

The contents of DE 1000, DE 1001 and DE 1225 must be mutually agreed between the data exchanging parties.

Notes to DE 1001:
380 = Commercial invoice
Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.

381 = Credit note - goods and services
Document/message for providing credit information to the relevant party.

Important note to DE 1000:
This data element has the following content:
SUMMENRECHNUNG (At line level of the invoice references to other documents are provided, which refer to products and/or services. The massage contains NO article information. These are to be found in the referenced documents).

Referencing document in SG 30 can be:

Delivery note (paper document)

Proforma invoice (Paper document or EANCOM 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

Heading section

Despatch advice (EANCOM message DESADV)
Note to DE 1225:

7 = Duplicate can be used to retransmit a complete interchange to the same partner on request of the receiver. Only date and time can be different from the original file. The use of this code and the handling of additional documents must be mutually agreed between the partners.

Example: `BGM+380:::SUMMENRECHNUNG+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**	M	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

Segmentstatus: Mandatory

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

Example: `DTM+137:20181001:102'`
The message was created on 01.10.2018

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**	M	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	*	263 Invoicing period
Invoicing period	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R	*	718 CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.

Segmentstatus: Optional

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

This segment is used to indicate the invoicing period.

Example: `DTM+263:2018102620181029:718'`
The invoicing period is 26. October 2018 to 29.October 2018.

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	**ALI**	O	1	Additional information	
	To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.				

Business Term	DE	EDIFACT	Format	St	*	Description
	3239	Country of origin name code	an..3	N		
	9213	Duty regime type code	an..3	N		
Not subject to discount	4183	Special condition code	an..3	O	*	15 Not subject to discount

Segmentstatus: Optional

This segment can show that the current invoice is not subject to discount

Example: `ALI+++15'`
The whole message is not subject for discount, e.g. deposit invoicing

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	**ALI**	O	1	Additional information	
	To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.				

Business Term	DE	EDIFACT	Format	St	*	Description
Country of origin	3239	Country of origin name code	an..3	R		

Segmentstatus: Optional

This segment is only used for cross border invoices

Example: `ALI+DE'`
Country of origin is Germany

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.					
9	**ALI**	O	1	Additional information				
To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.								
Business Term		DE	EDIFACT	Format	St	*	Description	
		3239	Country of origin name code	an..3	N			
		9213	Duty regime type code	an..3	N			
Supply direct to retail store		4183	Special condition code	an..3	R	*	148 Supply direct delivery	
Segmentstatus: Optional This segment showes, products have been supplied direct to retail store Example: `ALI+++148'` Products have been supplied direct to retail store								

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.				
10	**FTX**	O	1	Free text			
	To provide free form or coded text information.						
Business Term	DE	EDIFACT	Format	St	*	Description	
	4451	Text subject code qualifier	an..3	M	*	AAK Price conditions	
	4453	Free text function code	an..3	O	*	1 Text for subsequent use	
	C107	Text reference		D			
Reduction of payment, Code	4441	Free text value code	an..17	M	*	Agreed reference see note below ST1 Fee reduction applies, due to discount and bonus agreements. ST2 Fee reduction applies, due to our current business terms. ST3 Discount or bonus agreements apply.	
	C108	Text literal		D			
Free text	4440	Free text value	an..51	M			
	4440	Free text value	an..51	O			
	4440	Free text value	an..51	O			
	4440	Free text value	an..51	O			
	4440	Free text value	an..51	O			
	3453	Language name code	an..3	D		ISO 639 2-Alpha Code	

Segmentstatus: Depending on fee reduction

Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

Note to DE 4451:
Code value "AAK" may only be used to advice fee reduction in future according German § 14, Abs.4 UstG (in conjuction with DE 4441 or C108).

DE 4441 can be used with text codes. They have to be used as master data and need to be defined in the interchange agreement. One FTX segment may either be used with text codes OR free text.

Examples for the use of agreed references in DE 4441:

ST1 = Fee reduction applies, due to discount and bonus agreements.

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

ST2 = Fee reduction applies, due to our current business terms.
ST3 = Discount or bonus agreements apply.

Example: `FTX+AAK+1++Es ergeben sich Entgeltminderungen aufgrund:von Rabatt- oder Bonusvereinbarungen+DE'`
Fee reduction

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.				
11	**FTX**	O	99	Free text			
To provide free form or coded text information.							
Business Term	**DE**	**EDIFACT**	**Format**	**St**	*****	**Description**	
	4451	Text subject code qualifier	an..3	M		ZZZ Mutually defined SUR Supplier remarks	
	4453	Free text function code	an..3	O	*	1 Text for subsequent use	
	C107	Text reference		D			
Free text, Code	4441	Free text value code	an..17	M		Agreed reference	
	C108	Text literal		D			
Free text	4440	Free text value	an..51	M			
	4440	Free text value	an..51	O			
	4440	Free text value	an..51	O			
	4440	Free text value	an..51	O			
	4440	Free text value	an..51	O			
	3453	Language name code	an..3	D		ISO 639 2-Alpha Code	

Segmentstatus: Optional

Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

The use of this FTX segment has no consequencies on the processing of the invoice, e.g. it can contain explanation on reasons for credit notes

Note to DE 4451:
Codevalue "ZZZ" showes: Text relates to heading section,
Codevalue "SUR" showes: Text relates to summary section.

Example: `FTX+ZZZ+1++FREIER TEXT:FREE TEXT:FREIER TEXT:FREE TEXT:FREIER TEXT+DE'`
Possibility to transmit free text

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.				
12	**FTX**	O	1	Free text			
To provide free form or coded text information.							
Business Term	**DE**	**EDIFACT**	**Format**	**St**	*****	**Description**	
	4451	Text subject code qualifier	an..3	M	*	REG	Regulatory information
	4453	Free text function code	an..3	O	*	1	Text for subsequent use
	C107	Text reference		D			
Triangle Business	4441	Free text value code	an..17	M		IGL	Tax free EU delivery
	1131	Code list identification code	an..17	N			
	3055	Code list responsible agency code	an..3	R	*	246	GS1 Germany
	C108	Text literal		N			
	4440	Free text value	an..51				
	3453	Language name code	an..3	D		ISO 639 2-Alpha Code	

Segmentstatus: Depending on EU delivery

Use of this segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal and other requirements.

DE 4441 can be used with text codes. They have to be used as master data and need to be defined in the interchange agreement. This FTX segment may only be used with text codes.

IGL = Delivery within the EU comunity

Example: `FTX+REG+1+IGL::246++DE'`
EU delivery

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
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	*	ABO Originator's reference
Invoice register number	1154	Reference identifier	an..70	R		

Segmentstatus: Mandatory

This segment is used to specify the invoice register.

This RFF segment specifies the invoice register containing the current invoice. If the invoice register is transmitted electronically, see message "Invoice register amount" with BGM, DE 1001 = 393.

Example: `RFF+ABO:4713'`
The invoice is part of invoice register 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
14	**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	*	171 Reference date/ time
Invoice register 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 is used to specify any dates related to the references given in the previous RFF segment.

Example: `DTM+171:20180301:102'`
Invoice register is dated 01.03.2018

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
15	**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	*	CT Contract number
Agreement number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

This segment is used to reference the agreement, if more than one agreements exist.

Example: `RFF+CT:1'`
Invoice references to agreement no. 1.

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
16	**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	*	171 Reference date/ time
Agreement 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 is used to specify any dates related to the references given in the previous RFF segment.

Example: `DTM+171:20030301:102'`
The agreement date is 01.03.2018

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-FII-SG3-SG5
17	**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		A		
Identification of buyer/ 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: Mandatory
The buyer/invoicee is identified by GLN.

Example: `NAD+BY+4071615111110::9'`
The buyer/invoicee 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

Segment Layout

Heading section

No.	Seg	St	Max. Occ.	
	SG2	R	1	NAD-FII-SG3-SG5
	SG3	O	1	RFF
18	**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)
Buyers 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+YC1:0815'`
The additional identification is 0815.

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-FII-SG3-SG5
	SG3	O	1	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	*	VA VAT registration number FC Fiscal number
Buyers (VA)Tax registration number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

The RFF segment following the NAD segment can specify a (VA)Tax registration number.

Example: `RFF+VA:DE090909'`
The VAT registration number is DE090909.

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-FII-SG3-SG5
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		A		
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+4071615192710::9'`
Invoicee is identified by GLN 4071615192710.

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-FII-SG3-SG5
	SG3	O	1	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+YC1:0815'`
The additional identification is 0815.

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-FII-SG3-SG5
	SG3	O	1	RFF
22	**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	*	VA VAT registration number FC Fiscal number
Invoicees (VA)Tax registration number	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

The RFF segment following the NAD segment can specify a (VA)Tax registration number.

Example: `RFF+VA:DE090909'`
The VAT registration number is DE090909.

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	D	1	NAD-FII-SG3-SG5
23	**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		D		
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		N		
	3124	Name and address description	an..35			
	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	D		
Name 3 of the receiver	3036	Party name	an..35	D		
	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	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: Depending, see note

Note
The delivery place is only indicated here if it is identical for all single documents. Otherwise the GLN of the buyer is indicated.

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

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

used, if a GLN is not (yet) available.

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

Example: `NAD+DP+4089876511111::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Maarweg 104+Köln++50825+DE'`
The delivery party is identified by GLN 4089876511111.

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	D	1	NAD-FII-SG3-SG5
	SG3	O	1	RFF
24	**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	D	1	NAD-FII-SG3-SG5
	SG3	O	1	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	*	IT Internal customer number
Internal customer number of suppliers system	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

Example: `RFF+IT:9988'`
The internal customer number is 9988.

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-FII-SG3-SG5
26	**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/issuer of invoice 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/issuer of invoice is identified by GLN.

Example: `NAD+SU+4389876511113::9+ABC123:X:X:X:X'`
The supplier/issuer of invoice 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-FII-SG3-SG5
	SG3	D	1	RFF
27	**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: Depending

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

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

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-FII-SG3-SG5
	SG3	O	1	RFF
28	**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

Segment Layout

Heading section

No.	Seg	St	Max. Occ.	
	SG2	R	1	NAD-FII-SG3-SG5
	SG3	D	1	RFF
29	**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	*	FC Fiscal number
Supplier/issuer of invoice fiscal number	1154	Reference identifier	an..70	R		

Segmentstatus: Depending, either VAT registration number or fiscal tax number are mandatory in Germany.

The RFF segment following the NAD segment must specify the tax number.

Example: `RFF+FC:07/408/1234/5'`
The fiscal tax number is 07/408/1234/5.

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-FII-SG3-SG5
	SG3	D	1	RFF
30	**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	*	VA VAT registration number
Supplier/issuer of invoice VAT registration number	1154	Reference identifier	an..70	R		

Segmentstatus: Depending, either VAT registration number or fiscal tax number are mandatory in Germany.

The RFF segment following the NAD segment must specify the tax number.

Example: `RFF+VA:DE101010'`
The VAT registration number is DE101010.

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-FII-SG3-SG5
31	**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		A		
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 forwarder can be identified by GLN.

Example: `NAD+FW+4389876511893::9'`
The forwarder is identified by GLN 4389876511893.

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.	
32	**SG6**	R	1	TAX-MOA
	TAX	M	1	Duty/tax/fee details

To specify relevant duty/tax/fee information.

Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Value added tax on document level	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		E Exempt from tax S Standard rate O Services outside scope of tax

Segmentstatus: Mandatory

The main tax rate is indicated here in the heading section of the message. Should the occasion arise different tax rates are indicated on detail level.

Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero).

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: `TAX+7+VAT+ABC123++:::19+S'`
The dominant tax rate of the document is 16%.

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.	
33	**SG7**	R	1	CUX-DTM
	CUX	M	1	Currencies

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

Business Term	DE	EDIFACT	Format	St	*	Description
	C504	Currency details		R		
	6347	Currency usage code qualifier	an..3	M	*	2 Reference currency
Currency	6345	Currency identification code	an..3	R		ISO 4217 three alpha
	6343	Currency type code qualifier	an..3	R	*	4 Invoicing currency
	C504	Currency details		D		
	6347	Currency usage code qualifier	an..3	M	*	3 Target currency
	6345	Currency identification code	an..3	R		ISO 4217 three alpha
	6343	Currency type code qualifier	an..3	R	*	4 Invoicing currency
	6348	Currency rate value	n..4	O		
Rate of exchang	5402	Currency exchange rate	n..12	D		

Segmentstatus: Mandatory

Indication of currency is mandatory.

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

Example: `CUX+2:EUR:4+3:USD:4+0.90243'`
The document has been invoiced in EURO.

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
34	**PAT**	M	1	Payment terms basis

To specify the payment terms basis.

Notes:
1. This segment will be removed effective with directory D.02B.

Business Term	DE	EDIFACT	Format	St	*	Description
Payment terms 1	4279	Payment terms type code qualifier	an..3	M	*	3 Fixed date

Segmentstatus: Optional

This segment groug PAT-DTM is used to indicate terms net due date without deduction.

Example: `PAT+3'`
Due date:

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
35	**DTM**	O	5	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	*	13 Terms net due date
Due date without deduction	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 is used to specify any dates associated with the payment terms for the invoice.

DE 2005 = 13, Due date when settlement is without deduction, e.g. when direct debit is agreed.
(Due date is to be understood as the entry date of direct debit at the first bank)

Example: `DTM+13:20180315:102'`
Invoice is due on 15.03.2018

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
36	**PAT**	M	1	Payment terms basis

To specify the payment terms basis.

Notes:
1. This segment will be removed effective with directory D.02B.

Business Term	DE	EDIFACT	Format	St	*	Description
Payment terms 1	4279	Payment terms type code qualifier	an..3	M	*	3 Fixed date

Segmentstatus: Optional

This segment group PAT-DTM-PCD-MOA is only be used, if there is a conditional offer, that is not substracted by the issuer of the invoice. If early payment allowance is deducted within the invoice, segment group 16 needs to be used.

Example: `PAT+3'`
Payment terms

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
37	**DTM**	O	5	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	*	12 Terms discount due date/time
Terms discount due 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 is used to specify any dates associated with the payment terms for the invoice.

Example: `DTM+12:20190412:102'`
Terms discount due date is 12.04.2019.

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
38	**PCD**	O	1	Percentage details
	To specify percentage information.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C501	Percentage details		M		
	5245	Percentage type code qualifier	an..3	M	*	12 Discount
Rate of early payment allowance	5482	Percentage	n..10	R		

Segmentstatus: Optional

This segment is used to specify percentages which will be allowed or charged.

Example: `PCD+12:2.5'`
2.5% early payment allowance are offered

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
39	**MOA**	O	1	Monetary amount
	To specify a monetary amount.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	8 Allowance or charge amount
Monetary value of early payment allowance	5004	Monetary amount	n..35	R		Actual value being charged/ discounted

Segmentstatus: Optional

This segment is used to specify monetary values which will be allowed or charged.

Example: `MOA+8:2.52'`
Early payment allowance is 2.52 EURO

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
40	**PAT**	M	1	Payment terms basis

To specify the payment terms basis.

Notes:
1. This segment will be removed effective with directory D.02B.

Business Term	DE	EDIFACT	Format	St	*	Description
Payment terms 2	4279	Payment terms type code qualifier	an..3	M	*	3 Fixed date

Segmentstatus: Optional

This segment group PAT-DTM is only used to indicate value date.

Example: `PAT+3'`
Value date:

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.	
	SG8	O	1	PAT-DTM-PCD-MOA-PAI-FII
41	**DTM**	O	5	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	*	209 Value date
Value 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 is used to specify any dates associated with the payment terms for the invoice.

Example: `DTM+209:20190412:102'`
The value date is 12.04.2019

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.	
42	**SG16**	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	ALC	M	1	Allowance or charge
	To identify allowance or charge details.			

Business Term	DE	EDIFACT	Format	St	*	Description
	5463	Allowance or charge code qualifier	an..3	M	*	A Allowance C Charge
	C552	Allowance/charge information		O		
Type of allowance or charge	1230	Allowance or charge identifier	an..35	D		The use of this dataelement has to be agreed mutually between the trading partners.
	5189	Allowance or charge identification code	an..3	N		
	4471	Settlement means code	an..3	N		
	1227	Calculation sequence code	an..3	R		1 First step of calculation 2 Second step of calculation etc, etc, etc, 9 Ninth step of calculation
	C214	Special services identification		D		
	7161	Special service description code	an..3	R		AA Advertising allowance Advertising (document) DI Discount Discount (document) EAB Early payment allowance Early payment allowance (document) FC Freight charge Freight (document) IN Insurance Insurance (document) MAC Minimum order/ minimum billing charge Minimum quantity charge (dokument) NAA Non-returnable containers Waste management allowance (document)

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

Business Term	DE	EDIFACT	Format	St	*	Description
						PC Packing Packing (document) RAA Rebate Rebate i.e. Bonus (document) SH Special handling service Price labelling (document)

Segmentstatus: Optional

One segment group 16 has to be used for each discount on document level. Segment group 16 must also be used, if early payment discount is deducted from invoice.

The use of MOA segment in SG 20 is mandatory to avoid calculation differences.

Allowances and charges in the heading section of a message are independent from those in the detail section, e.g. ALC at detail level does not override ALC at heading level.

Example: `ALC+A+Absprache++1+DI'`
Invoice discount

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.	
	SG16	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	SG18	O	1	QTY
43	**QTY**	M	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	*	1 Discrete quantity
Allowance or charge quantity	6060	Quantity	an..35	M		Note: Use only numeric values.
	6411	Measurement unit code	an..3	D		H87 Piece (Old code value: PCE) (e.g. one single cigarette) EA each KGM kilogram LTR litre MTR metre PA packet All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.

Segmentstatus: Optional

This segment is used to specify any quantity discounts or charges for the current ALC segment group.

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

Example: `QTY+1:152'`
152 pieces

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.	
	SG16	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	SG19	O	1	PCD
44	**PCD**	M	1	Percentage details

To specify percentage information.

Business Term	DE	EDIFACT	Format	St	*	Description
	C501	Percentage details		M		
	5245	Percentage type code qualifier	an..3	M	*	3 Allowance or charge
Percentage discount (document)	5482	Percentage	n..10	R		

Segmentstatus: Optional

This segment is used to specify any percentage discounts or charges for the current ALC segment group. If percentage discounts or charges are used, a MOA segment (DE 5025 = 8) containing the monetary value must follow.

Example: `PCD+3:2.75'`
2.75%

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.	
	SG16	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	SG20	O	2	MOA
45	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	25 Charge/allowance basis
Basis amount allowance/ charge (invoice level)	5004	Monetary amount	n..35	R		

Segmentstatus: Optional

This segment is used to provide the basis amount to calculate an allowance or charge.

Example: `MOA+25:108'`
Basis amount = 108 EURO

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.	
	SG16	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	SG20	R	2	MOA
46	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	8 Allowance or charge amount
Discount amount (document)	5004	Monetary amount	n..35	R		

Segmentstatus: mandatory

This segment is used to specify any monetary discounts or charges for the current ALC segment group.

Example: `MOA+8:2.97'`
equals 2.97 EURO

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.	
	SG16	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	SG21	O	1	RTE
47	**RTE**	M	1	Rate details

To specify rate information.

Business Term	DE	EDIFACT	Format	St	*	Description
	C128	Rate details		M		
	5419	Rate type code qualifier	an..3	M	*	1 Allowance rate 2 Charge rate
Allowance or charge rate	5420	Unit price basis rate	n..15	M		Used to identify the monetary value
	5284	Unit price basis value	n..9	O		Quantity for the effective rate
	6411	Measurement unit code	an..3	D		EA each H87 Piece (Old code value: PCE) KGM kilogram LTR litre MTR metre PA packet

Segmentstatus: Optional

This segment is used to specify rate discounts or charges for the current ALC segment group.

Example: `RTE+1:500:100:H87'`
Rate: 500 EURO per 100 pieces

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.	
	SG16	O	9999	ALC-SG18-SG19-SG20-SG21-SG22
	SG22	D	5	TAX-MOA
48	**TAX**	M	1	Duty/tax/fee details

To specify relevant duty/tax/fee information.

Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Allocation allowance/ charge:VAT rate	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		The actual rate of tax/duty
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		E Exempt from tax S Standard rate O Services outside scope of tax

Segmentstatus: Depending, indication is mandatory, if the invoice contains more than one tax rate.

This segment is used to show to which tax rate the allowances and charges are allocated.

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

Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero).

Example: `TAX+7+VAT+ABC123++:::19+S'`
Discount on invoice level is related to the part of the invoice, which is taxed with 16%.

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 - single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
49	**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 invoice

Segmentstatus: Mandatory

Important note:

This segment is used to indicate the beginning of the detail section of the Invoice message. The document to be invoiced is identified in the RFF segment of segment group 30.
The massage contains NO article information. These are to be found in the referenced documents. If such a document relates to more than one TAX rate one segment group 26 per TAX rate has to be provided. The segment structure for the additional TAX rate is identical, differences can only be found in the content of MOA and TAX segments, or in the ALC group if applicable.

Example: `LIN+1'`
Line item Number 1.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
50	**ALI**	O	5	Additional information

To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Business Term	DE	EDIFACT	Format	St	*	Description
	3239	Country of origin name code	an..3	N		
	9213	Duty regime type code	an..3	N	*	
Not subject to discount (line level)	4183	Special condition code	an..3	O	*	15 Not subject to discount

Segmentstatus: Optional

This segment can show that the current document is not subject to discount.

Example: `ALI+++15'`
The current document is not subject for discount, e.g. deposit invoicing

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
51	**ALI**	O	5	Additional information

To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Business Term	DE	EDIFACT	Format	St	*	Description
Country of origin (line level)	3239	Country of origin name code	an..3	R		

Segmentstatus: Optional

This segment is only used for cross border invoices

Example: `ALI+DE'`
Country of origin is Germany

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
52	**ALI**	O	5	Additional information

To indicate that special conditions due to the origin, customs preference, fiscal or commercial factors are applicable.

Business Term	DE	EDIFACT	Format	St	*	Description
	3239	Country of origin name code	an..3	N		
	9213	Duty regime type code	an..3	N		
Supply direct to retail store (line level)	4183	Special condition code	an..3	R	*	148 Supply direct delivery

Segmentstatus: Optional

This segment showes, products have been supplied direct to retail store

Example: `ALI+++148'`
Products have been supplied direct to retail store

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
53	**DTM**	R	35	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	*	35 Delivery date/ time, actual
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

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

DE 2005 = 35, Date/time on which goods or consignment are delivered at their destination.
In means of taxes the actual delivery date corresponds to the activity date.

Example: `DTM+35:20180315:102'`
Date of delivery is 15.03.2018

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
54	**DTM**	O	35	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	*	263 Invoicing period
Invoicing period (line level)	2380	Date or time or period value	an..35	R		
	2379	Date or time or period format code	an..3	R	*	718 CCYYMMDD-CCYYMMDD Format of period to be given in actual message without hyphen.

Segmentstatus: Optional

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

This segment is used to indicate the invoicing period.

Example: `DTM+263:20181026201810 29:718'`
The invoicing period is 26. October 2018 to 29.October 2018.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
55	**FTX**	O	99	Free text

To provide free form or coded text information.

Business Term	DE	EDIFACT	Format	St	*	Description
	4451	Text subject code qualifier	an..3	M	*	ZZZ Mutually defined
	4453	Free text function code	an..3	O	*	1 Text for subsequent use
	C107	Text reference		D		
	4441	Free text value code	an..17	M		Agreed reference
	C108	Text literal		D		
Free text (line level)	4440	Free text value	an..51	M		
	4440	Free text value	an..51	O		
	4440	Free text value	an..51	O		
	4440	Free text value	an..51	O		
	4440	Free text value	an..51	O		
	3453	Language name code	an..3	D		ISO 639 2-Alpha Code

Segmentstatus: Optional

The use of the FTX segment in free form is not recommended since in most cases it inhibits automatic processing of the Invoice. Coded references to standard texts is an available functionality which enables automatic processing and reduces transmission and processing overheads. Standard texts should be mutually defined among trading partners and can be used to cover legal or other requirements.

The existence of this FTX segment has no influence on the procedure of the message, e.g. the reason of subsequent delivery can be provided.

Example: `FTX+ZZZ+1++FREIER TEXT:FREETEXT:FREIER TEXT:FREE TEXT:FREIER TEXT+DE'`
Possibility to provide free text.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	R	99	MOA
56	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	77 Invoice amount
Total amount of the single document	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This segment group is used to provide total amounts for the single document.

This segment provides the total amount of the single document.

Example: `MOA+77:121.99'`
The total amount is 121.99 EURO.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	R	99	MOA
57	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	79 Total line items amount
Total line items amount of the single document	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the total line amount of the single document.

Example: `MOA+79:108.13'`
The total of all net line amounts is 108.13 EURO.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	R	99	MOA
58	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	125 Taxable amount
Taxable amount of the single document	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the taxable amount ot the single document.

Example: `MOA+125:105.16'`
The taxable amount is 105.16 EURO.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	D	99	MOA
59	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	131 Total charges/ allowances
Total charges/allowances (line level)	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory, if allowances/charges have been calculated on invoice level.

This MOA segment provides the total of all allowances/charges on single document level.

Note on DE 5004: >>>>> The amount must be provided with the correct sign <<<<<

Example: `MOA+131:-2.97'`
The total of all allowances/charges on invoice level is 2.97 EURO.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	R	99	MOA
60	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	124 Tax amount
Tax amount of the single document	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the tax amout of the single document.

Important note:

The massage contains NO article information. These are to be found in the referenced documents. If such a document relates to more than one TAX rate one segment group 26 per TAX rate has to be provided. The segment structure for the additional TAX rate is identical, differences can only be found in the content of MOA and TAX segments, or in the ALC group if applicable.

Example: `MOA+124:16.83'`
The VAT amount is 16.83 EURO.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	O	99	MOA
61	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	402 Total retail value
Total retail value (line level)	5004	Monetary amount	n..35	R		

Segmentstatus: Optional

This segment is used to provide the total retail value

Example: `MOA+402:219.78'`
Total retail value is 219.78 EURO

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG27	O	99	MOA
62	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	204 Allowance amount
Shrinkage amount (fruit/ vegetables)	5004	Monetary amount	n..35	R		

Segmentstatus: Optional

This segment is used to provide the shrinkage amount in documents of fruit/vegetables.

Example: `MOA+204:12.99'`
Shrinkage: 12.99 (only fruit/vegetables)

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG30	D	10	RFF-DTM
63	**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	*	AAB Proforma invoice number (Single document)
Proforma invoice number	1154	Reference identifier	an..70	R		

Segmentstatus: Depending

This segmentgroup will be used, if the referenced document is a proforma invoice.

Important note:

The segment group 30 must occur exactly ONCE per SG 26.

Example: `RFF+AAB:4711'`
The line references to proforma invoice 4711.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG30	D	10	RFF-DTM
64	**DTM**	O	5	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	*	171 Reference date/ time
Reference date proforma invoice	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 is used to specify any dates related to the references given in the previous RFF segment.

Example: `DTM+171:20180301:102'`
The document is dated 01.03.2018

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG30	D	10	RFF-DTM
65	**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: Depending

This segment group is used to reference the delivery note number.
Important note:

The segment group 30 must occur exactly ONCE per SG 26.

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

Segment Layout

Detail Section with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG30	D	10	RFF-DTM
66	**DTM**	O	5	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	*	171 Reference date/ time
Reference date delivery note	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 is used to specify any dates related to the references given in the previous RFF segment.

Example: `DTM+171:20180301:102'`
The document is dated 01.03.2018

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG30	D	10	RFF-DTM
67	**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	*	AAK Despatch advice number
Despatch advice	1154	Reference identifier	an..70	R		

Segmentstatus: Depending

This segment group is used to reference the despatch advice number (DESADV).

Important note:

The segment group 30 must occur exactly ONCE per SG 26.

Example: `RFF+AAK:4714'`
The message references to despatch advice number 4714.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG30	D	10	RFF-DTM
68	**DTM**	O	5	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	*	171 Reference date/ time
Reference date despatch advice	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 is used to specify any dates related to the references given in the previous RFF segment.

Example: `DTM+171:20180301:102'`
The document is dated 01.03.2018

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG34	D	99	TAX-MOA
69	**TAX**	M	1	Duty/tax/fee details

To specify relevant duty/tax/fee information.

Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Value added tax rate of the single document	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		E Exempt from tax S Standard rate O Services outside scope of tax

Segmentstatus: Can be omitted if the tax rate of the single document is identical with the tax rate of SG 6

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 with single document

The main tax rate has been indicated in the heading section of the message. Should the occasion arise different tax rates are indicated here on detail level.

Important note:
The massage contains NO article information. These are to be found in the referenced documents. If such a document relates to more than one TAX rate one segment group 26 per TAX rate has to be provided. The segment structure for the additional TAX rate is identical, differences can only be found in the content of MOA and TAX segments, or in the ALC group if applicable.

Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero).

Example: `TAX+7+VAT+ABC123++:::16+S'`
The VAT rate of the single document is 16%.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG35	O	99	NAD-SG36
70	**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		D		
Delivery party identification (line level)	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		N		
	3124	Name and address description	an..35			
	C080	Party name		D		
Name 1 of the receiver (line level)	3036	Party name	an..35	M		
Name 2 of the receiver (line level)	3036	Party name	an..35	D		
Name 3 of the receiver (line level)	3036	Party name	an..35	D		
	C059	Street		D		
Street and number of receiver (line level)	3042	Street and number or post office box identifier	an..35	M		
Place of receiver - name of a city (line level)	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 (line level)	3251	Postal identification code	an..17	D		
Country of receiver, coded (line level)	3207	Country name code	an..3	D		

Segmentstatus: Depending

The delivery place is only indicated here if no indication at heading level has been made.

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 with single document

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.

Example: `NAD+DP+4089876511111::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Maarweg 104+Köln++50825+DE'`
The delivery party is identified by GLN 4089876511111.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG35	O	99	NAD-SG36
	SG36	O	5	RFF
71	**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 (line level)	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

Detail Section with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG35	O	99	NAD-SG36
	SG36	O	5	RFF
72	**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	*	IT Internal customer number
Internal customer number of suppliers system (line level)	1154	Reference identifier	an..70	R		

Segmentstatus: Optional

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

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

Example: `RFF+IT:9988'`
The internal customer number is 9988.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG35	O	99	NAD-SG36
73	**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		A		
Forwarder (line level)	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 forwarder can be identified by GLN.

Example: `NAD+FW+4389876511893::9'`
The forwarder is identified by GLN 4389876511893.

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG39	O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
74	**ALC**	M	1	Allowance or charge

To identify allowance or charge details.

Business Term	DE	EDIFACT	Format	St	*	Description
	5463	Allowance or charge code qualifier	an..3	M	*	A Allowance C Charge
	C552	Allowance/charge information		O		
Type of allowance or charge (referenced document)	1230	Allowance or charge identifier	an..35	D		The use of this dataelement has to be agreed mutually between the trading partners.
	5189	Allowance or charge identification code	an..3	N		
	4471	Settlement means code	an..3	N		
	1227	Calculation sequence code	an..3	R		1 First step of calculation 2 Second step of calculation etc. etc. etc. 9 Ninth step of calculation
	C214	Special services identification		D		
	7161	Special service description code	an..3	R		AA Advertising allowance Advertising (document) DI Discount Discount (document) EAB Early payment allowance Early payment allowance (document) MAC Minimum order/ minimum billing charge Minimum quantity charge (dokument) NAA Non-returnable containers Waste management allowance (document) RAA Rebate Rebate i.e. Bonus

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 with single document

Business Term	DE	EDIFACT	Format	St	*	Description
						(document) SH Special handling service Price labelling (document)
Segmentstatus: Optional One segment group 39 has to be used for each allowance/charge of the referenced document. Every allowance/charge provided at this place has to be understood in addition to allowances/ charges at line level of the referenced document. Example: `ALC+A+Absprache++1+DI'` Document discount:						

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG39	O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
	SG40	O	1	QTY
75	**QTY**	M	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	*	1 Discrete quantity
Basis for discount quantity	6060	Quantity	an..35	M		Note: Use only numeric values.
	6411	Measurement unit code	an..3	D		H87 Piece (Old code value: PCE) (e.g. one single cigarette) EA each KGM kilogram LTR litre MTR metre PA packet All code values from EANCOM code list 6411 and UN/ECE Recommendation 20 code list available.

Segmentstatus: Optional

This segment within the ALC segment group is used to specify quantity upon which discounts are applicable for the line item being invoiced.

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

Example: `QTY+1:12'`
Quantity discount 12 pieces

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG39	O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
	SG41	O	1	PCD
76	**PCD**	M	1	Percentage details

To specify percentage information.

Business Term	DE	EDIFACT	Format	St	*	Description
	C501	Percentage details		M		
	5245	Percentage type code qualifier	an..3	M	*	3 Allowance or charge
Percentage allowance/charge (single document)	5482	Percentage	n..10	R		

Segmentstatus: Optional

This segment is used to specify any percentage discounts or charges for the current ALC segment group. If percentage discounts or charges are used, a MOA segment (DE 5025 = 8) containing the monetary value must follow.

Example: `PCD+3:0.75'`
0,75%

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG39	O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
	SG42	O	2	MOA
77	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	8 Allowance or charge amount
Allowance amount (single document)	5004	Monetary amount	n..35	R		

Segmentstatus: Optional

This segment is used to specify any monetary discounts or charges for the current ALC segment group.

Example: `MOA+8:1.65'`
equals an allowance of 1.65 EURO

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG39	O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
	SG42	O	2	MOA
78	**MOA**	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	25 Charge/allowance basis
Basis amount allowance/ charge (single document)	5004	Monetary amount	n..35	R		

Segmentstatus: Optional

This segment is used to provide the basis amount to calculate an allowance or charge.

Example: `MOA+25:220'`
Basis amount: 220 EURO

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 with single document

No.	Seg	St	Max. Occ.	
	SG26	R	9999999	LIN-PIA-IMD-MEA-QTY-ALI-DTM-GIN-QVR-FTX-SG27-SG28-SG29-SG30-SG31-SG33-SG34-SG35-SG39-SG45-SG47
	SG39	O	30	ALC-ALI-DTM-SG40-SG41-SG42-SG43-SG44
	SG43	O	1	RTE
79	**RTE**	M	1	Rate details

To specify rate information.

Business Term	DE	EDIFACT	Format	St	*	Description
	C128	Rate details		M		
	5419	Rate type code qualifier	an..3	M	*	1 Allowance rate 2 Charge rate
Allowance or charge rate (line level)	5420	Unit price basis rate	n..15	M		Used to identify the monetary value
	5284	Unit price basis value	n..9	O		Quantity for the effective rate
	6411	Measurement unit code	an..3	O		EA each H87 Piece (Old code value: PCE) KGM kilogram LTR litre MTR metre PA packet

Segmentstatus: Optional

This segment is used to specify rate discounts or charges for the current ALC segment group.

Example: `RTE+1:1.25:100:H87'`
Allowance: 1.25 EURO per 100 pieces

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

Segment Layout

Summary section
Summary section

No.	Seg	St	Max. Occ.				
80	**UNS**	M	1	Section control			
	To separate header, detail and summary sections of a message. Notes: 1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.						
Business Term		DE	EDIFACT	Format	St	*	Description
		0081	Section identification	a1	M	*	S Detail/summary section separation
Segmentstatus: Mandatory This segment is used to identify the break between the message detail and message trailer sections. Example: `UNS+S'` Separation of detail- and summary section							

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

Segment Layout

Summary section (totals)

No.	Seg	St	Max. Occ.	
	SG50	M	1	MOA-SG51
81	**MOA**	M	1	Monetary amount
	To specify a monetary amount.			

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	77 Invoice amount
Total invoice amount	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This segment group is used to provide total amounts for the whole invoice.

This segment provides the total invoice amount.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+77:121.99'`
The invoice amount is 121.99 EURO.

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

Segment Layout

Summary section (totals)

No.	Seg	St	Max. Occ.	
82	**SG50**	M	1	MOA-SG51
	MOA	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	79 Total line items amount
Invoice total line items amount	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the invoice total line amount of all referenced documents.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+79:108.13'`
The total of all net line amounts is 108.13 EURO.

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

Segment Layout

Summary section (totals)

No.	Seg	St	Max. Occ.					
	SG50	M	1	MOA-SG51				
83	**MOA**	M	1	Monetary amount				
	To specify a monetary amount.							
Business Term		DE	EDIFACT	Format	St	*	Description	
		C516	Monetary amount		M			
		5025	Monetary amount type code qualifier	an..3	M	*	125 Taxable amount	
Invoice taxable amount		5004	Monetary amount	n..35	R			

Segmentstatus: Mandatory

This MOA segment provides the invoice taxable amount.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+125:105.16'`
The taxable amount is 105.16 EURO.

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

Segment Layout

Summary section (totals)

No.	Seg	St	Max. Occ.					
84	**SG50**	D	1	MOA-SG51				
	MOA	M	1	Monetary amount				
	To specify a monetary amount.							
Business Term		DE	EDIFACT	Format	St	*	Description	
		C516	Monetary amount		M			
		5025	Monetary amount type code qualifier	an..3	M	*	131 Total charges/ allowances	
Total charges/allowances		5004	Monetary amount	n..35	R			

Segmentstatus: Mandatory, if allowances/charges have been calculated on invoice level.

This MOA segment provides the total of all allowances/charges on invoice level.

Note on DE 5004: >>>>> The amount must be provided with the correct sign <<<<<

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+131:-2.97'`
The total of all allowances/charges on invoice level is 2.97 EURO.

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

Segment Layout

Summary section (totals)

No.	Seg	St	Max. Occ.	
85	**SG50**	M	1	MOA-SG51
	MOA	M	1	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	124 Tax amount
Invoice total tax amount	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the total of invoice taxes.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+124:16.83'`
The invoice total VAT amount is 16.83 EURO.

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

Segment Layout

Summary section (totals)

No.	Seg	St	Max. Occ.					
86	**SG50**	O	1	MOA-SG51				
	MOA	M	1	Monetary amount				
	To specify a monetary amount.							
Business Term		DE	EDIFACT	Format	St	*	Description	
		C516	Monetary amount		M			
		5025	Monetary amount type code qualifier	an..3	M	*	402 Total retail value	
Total retail value		5004	Monetary amount	n..35	R			

Segmentstatus: Optional

This segment is used to provide the total retail value

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+402:219.78'`
Total retail value is 219.78 EURO

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

Segment Layout

Summary section (per tax rate)

No.	Seg	St	Max. Occ.		
87	**SG52**	D	10	TAX-MOA	
	TAX	M	1	Duty/tax/fee details	
	To specify relevant duty/tax/fee information.				

Business Term	DE	EDIFACT	Format	St	*	Description
	5283	Duty or tax or fee function code qualifier	an..3	M	*	7 Tax
	C241	Duty/tax/fee type		D		
Tax per invoice amount	5153	Duty or tax or fee type name code	an..3	O	*	VAT Value added tax
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5152	Duty or tax or fee type name	an..35	O		
	C533	Duty/tax/fee account detail		O		
	5289	Duty or tax or fee account code	an..6	M		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5286	Duty or tax or fee assessment basis value	an..15	O		
	C243	Duty/tax/fee detail		A		
	5279	Duty or tax or fee rate code	an..7	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5278	Duty or tax or fee rate	an..17	R		Actual tax rate
	5273	Duty or tax or fee rate basis code	an..12	O		
	1131	Code list identification code	an..17	O		
	3055	Code list responsible agency code	an..3	D		
	5305	Duty or tax or fee category code	an..3	R		E Exempt from tax S Standard rate O Services outside scope of tax

Segmentgroup status: Depending, i.e. this SG must only be used if the invoice contains more than one tax rate.

If the invoice contains more than one tax rate, this segment group has to be made up for every existent tax rate, i.e. if only one tax rate is used, segment group 52 is LEFT OUT.

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

Segment Layout

Summary section (per tax rate)

Note to DE 5278 and 5305: if the business volume is free of tax, DE 5278 must contain 0 (zero).

Example: `TAX+7+VAT+ABC123++:::16+S'`
The amounts based on a tax rate of 16% are:

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

Segment Layout

Summary section (per tax rate)

No.	Seg	St	Max. Occ.	
88	**SG52**	D	10	TAX-MOA
	MOA	R	9	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	79 Total line items amount
Invoice total line items amount per tax rate	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the invoice total line amount.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+79:108.13'`
The total of all net line amounts is 108.13 EURO.

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

Segment Layout

Summary section (per tax rate)

No.	Seg	St	Max. Occ.					
89	**SG52**	D	10	TAX-MOA				
	MOA	R	9	Monetary amount				
	To specify a monetary amount.							
Business Term		DE	EDIFACT	Format	St	*	Description	
		C516	Monetary amount		M			
		5025	Monetary amount type code qualifier	an..3	M	*	124 Tax amount	
Tax amount per tax rate		5004	Monetary amount	n..35	R			

Segmentstatus: Mandatory

This MOA segment provides the invoice taxes.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+124:16.83'`
The invoice VAT amount is 16.83 EURO.

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

Segment Layout

Summary section (per tax rate)

No.	Seg	St	Max. Occ.		
	SG52	D	10	TAX-MOA	
90	**MOA**	R	9	Monetary amount	
	To specify a monetary amount.				

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	125 Taxable amount
Invoice taxable amount per VAT rate	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory

This MOA segment provides the invoice taxable amount/tax rate.

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+125:105.16'`
The taxable amount/tax rate is 105.16 EURO.

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

Segment Layout

Summary section (per tax rate)

No.	Seg	St	Max. Occ.	
91	**SG52**	D	10	TAX-MOA
	MOA	D	9	Monetary amount

To specify a monetary amount.

Business Term	DE	EDIFACT	Format	St	*	Description
	C516	Monetary amount		M		
	5025	Monetary amount type code qualifier	an..3	M	*	131 Total charges/ allowances
Total charges/allowances per tax rate	5004	Monetary amount	n..35	R		

Segmentstatus: Mandatory, if allowances/charges have been calculated on invoice level.

This MOA segment provides the total of all allowances/charges on invoice level per tax rate.

Note to DE 5004: >>>> The amount must be provided with the correct sign <<<<

Concerning "significant zeroes" see section "Introduction".

Example: `MOA+131:-2.97'`
The total of all allowances/Charges per tax rate on invoice level is 2,97 EURO

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 the message

No. Seg	St	Max. Occ.	
92	**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	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.

Example: `UNT+90+ME000001'`
The message contains 87 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

No. Seg		St	Max. Occ.				
93	**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

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.
EAN011	GS1 version control number (GS1 Permanent Code) Indicates that the message is an EANCOM message in version 011.
0065	Message type Code identifying a type of message and assigned by its controlling agency. Notes: 1. Type of message being transmitted.

Used Codes

INVOIC	Invoice message A code to identify the invoice message. GS1 Description: Message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer. The UNSM invoice message, with correct data qualification, serves also as the specification for debit note and credit note messages.
0081	Section identification Separates sections in a message.
S	Detail/summary section separation To qualify the segment UNS, when separating the detail from the summary section of a message.
1001	Document name code Code specifying the document name.
380	Commercial invoice Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.
381	Credit note - goods and services Document/message for providing credit information to the relevant party.
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.

Used Codes

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.
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).

Used Codes

ADR	Accord Europeen au transport international dangereuses (GS1 Temporary Code) A European agreement concerning the international carriage of dangerous goods by road.
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.

Used Codes

SZ	Size (GS1 Temporary Code) Any of a series of graded classifications of measure into which goods are divided.
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.

Used Codes

X23	Trade Item Is Universal Waste (GS1 Temporary Code) Indicates if a product can be considered universal waste.
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.
AAB	Proforma invoice number [1088] Reference number assigned by the seller to a Proforma Invoice.

Used Codes

AAK	Despatch advice number Reference number assigned by issuing party to a despatch advice.
ABO	Originator's reference A unique reference assigned by the originator.
CT	Contract number Reference number of a contract concluded between parties.
DQ	Delivery note number Reference number assigned by the issuer to a delivery note.
FC	Fiscal number Tax payer's number. Number assigned to individual persons as well as to corporates by a public institution; this number is different from the VAT registration number.
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).
IT	Internal customer number Number assigned by a seller, supplier etc. to identify a customer within his enterprise.
VA	VAT registration number Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).
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.
7	Duplicate The message is a duplicate of a previously generated message.
9	Original Initial transmission related to a given transaction.

1227	Calculation sequence code Code specifying a calculation sequence.
1	First step of calculation Code specifying the first step of a calculation.

Used Codes

2	Second step of calculation Code specifying the second step of a calculation.
3	Third step of calculation Code specifying the third step of a calculation.
4	Fourth step of calculation Code specifying the fourth step of a calculation.
5	Fifth step of calculation Code specifying the fifth step of a calculation.
6	Sixth step of calculation Code specifying the sixth step of a calculation.
7	Seventh step of calculation Code specifying the seventh step of a calculation.
8	Eighth step of calculation Code specifying the eighth step of a calculation.
9	Ninth step of calculation Code specifying the ninth step of a calculation.
2005	Date or time or period function code qualifier Code qualifying the function of a date, time or period.
12	Terms discount due date/time Date by which payment should be made if discount terms are to apply.
13	Terms net due date Date by which payment must be made.
35	Delivery date/time, actual Date/time on which goods or consignment are delivered at their destination.
137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.
171	Reference date/time Date/time on which the reference was issued.
209	Value date Date on which the funds are at the disposal of the beneficiary or cease to be at the disposal of the ordering customer.
263	Invoicing period Period for which an invoice is issued.
2379	Date or time or period format code Code specifying the representation of a date, time or period.

Used Codes

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.
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.

Used Codes

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-CCYYMMDDHHMM 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.
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).

Used Codes

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.

2475	Time reference code Code referencing a point in time.
1	Date of order Payment time reference is date of order.
2	Date of confirmation Payment time reference is date of confirmation.
3	Date of contract Payment time reference is date of contract.
5	Date of invoice Payment time reference is date of invoice.
6	Date of credit note Payment time reference is date of credit note.
7	Date of present document Payment time reference is date of present document.
8	Date of confirmation of order received Payment time reference is date of confirmation received.
9	Date invoice received Payment time reference is date of invoice received.
11	Date credit note received Payment time reference is date of credit note received.
12	Date present document received Payment time reference is date of present document received.
21	Date goods received by buyer Payment time reference is date when goods are received by buyer.
23	Date goods received by carrier Payment time reference is date when goods are received by carrier.
26	Date of arrival of transport Date the transport arrived at the agreed destination.
27	Date of outward frontier crossing Date the goods are crossing the border of the exporters country.
28	Date of inward frontier crossing Date the goods are crossing the border of the importers country.

Used Codes

29	Date of delivery of goods to establishments/domicile/site Date the goods are delivered at agreed place of destination.
52	Due date of negotiable instrument Date when the negotiable instrument is due for payment.
66	Specified date Date specified elsewhere.
67	Anticipated delivery date The date on which delivery is anticipated to take place.
68	Effective date The date on which an action or event becomes effective.
69	Invoice transmission date Payment time reference is the date of invoice transmission.
70	Date of issue of transport document(s) The date on which a transport document(s) is issued.
72	Payment date Date when a payment was made.
78	Customs clearance date (import) Date when goods clear Customs in the importing country.
79	Customs clearance date (export) Date when goods clear Customs in the exporting country.
80	Date of salary payment Date when a salary payment was made.
81	Date of shipment as evidenced by the transport document(s) Date of shipment as evidenced by the transport document(s).
83	Requested date of delivery Payment terms apply from the requested date of delivery.
83E	Period of exceptional situation (GS1 Temporary Code) Period of a situation that affects the normal contribution of the employee.
X10	Receipt of goods (GS1 Temporary Code) Payment time reference is the date when goods are received by a receiving party.

3035	Party function code qualifier Code giving specific meaning to a party.
BY	Buyer Party to whom merchandise and/or service is sold.

Used Codes

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.
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.
2	CEC (Commission of the European Communities) Generic: see also 140, 141, 142, 162. GS1 Description: Commission of the European Communities
3	IATA (International Air Transport Association) The airline industry's international organisation. GS1 Description: International Air Transport Association
5	ISO (International Organization for Standardization) International Organization of Standardization.
6	UN/ECE (United Nations - Economic Commission for Europe) United Nations Economic Commission for Europe.
7	CEFIC (Conseil Europeen des Federations de l'Industrie Chimique) EDI project for chemical industry.
8	EDIFICE Standardised electronic commerce forum for companies with interests in computing, electronics and telecommunications. GS1 Description: EDI Forum for companies with Interest in Computing and Electronics (EDI project for EDP/ADP sector).
9	GS1 GS1 (formerly EAN International), an organisation of GS1 Member Organisations, which manages the GS1 System. GS1 Description: GS1 International.

Used Codes

10	ODETTE Organization for Data Exchange through Tele-Transmission in Europe (European automotive industry project).
17	S.W.I.F.T. Society for Worldwide Interbank Financial Telecommunications s.c.
28	EDITEUR (European book sector electronic data interchange group) Code identifying the pan European user group for the book industry as an organisation responsible for code values in the book industry.
60	Assigned by national trade agency The code list is from a national agency.
65	GS1 France Organisation responsible for GS1 System in France.
68	GS1 Italy Organisation responsible for GS1 System in Italy.
83	US, National Retail Federation The National Retail Federation is the trade association for the general merchandise retailing industry. In addition to providing support and education services, they also maintain and publish standard colour and size codes for the retail industry.
84	DE, BRD (Gesetzgeber der Bundesrepublik Deutschland) German legislature.
86	Assigned by party originating the message Codes assigned by the party originating the message.
87	Assigned by carrier Codes assigned by the carrier.
88	Assigned by owner of operation Assigned by owner of operation (e.g. used in construction).
89	Assigned by distributor Codes assigned by a distributor.
90	Assigned by manufacturer Code assigned by the manufacturer.
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.
112	US, U.S. Census Bureau The Bureau of the Census of the U.S. Dept. of Commerce.

Used Codes

113	GS1 US Organisation responsible for GS1 System in the USA.
116	US, ANSI ASC X12 American National Standards Institute ASC X12.
131	DE, German Bankers Association German Bankers' Association.
136	GS1 UK Organisation responsible for GS1 System in the UK.
137	AT, Verband oesterreichischer Banken und Bankiers Austrian bankers association.
174	DE, DIN (Deutsches Institut fuer Normung) German standardization institute.
182	US, Standard Carrier Alpha Code (Motor) Organisation maintaining the SCAC lists and transportation operating in North America.
194	AU, AQIS (Australian Quarantine and Inspection Service) Australian Quarantine and Inspection Service.
200	GS1 Netherlands Organisation responsible for GS1 System in the Netherlands.
245	GS1 Denmark Organisation responsible for GS1 System in Denmark.
246	GS1 Germany Organisation responsible for GS1 System in Germany. GS1 Description: German representative of International Article Numbering association (GS1).
260	Ediel Nordic forum A code to identify Ediel Nordic forum, which is an organization standardizing the use of EDI between the participants in the Nordic power market.
281	GS1 Belgium & Luxembourg Organisation responsible for GS1 System in Belgium & Luxembourg.
286	SE, TCO (Tjänstemännes Central Organisation) The Swedish Confederation of Professional Employees.
294	GS1 Austria Organisation responsible for the GS1 System in Austria.
295	AU, Therapeutic Goods Administration Austrialian administration responsible for the regulation of therapeutic goods in Australia. EDIFACT

Used Codes

297	IT, Ufficio IVA Ufficio responsabile gestione partite IVA, Italy (Italian Institute issuing VAT registration numbers). EDIFACT
298	GS1 Spain Organisation responsible for the GS1 System in Spain.
316	GS1 Finland Organisation responsible for the GS1 system in Finland.
317	GS1 Brazil Organisation responsible for the GS1 system in Brazil.
324	GS1 Ireland Organisation responsible for the GS1 system in Ireland.
325	GS1 Russia Organisation responsible for the GS1 system in Russia.
326	GS1 Poland Organisation responsible for the GS1 system in Poland.
327	GS1 Estonia Organisation responsible for the GS1 system in Estonia.
376	PANTONE Color code controlling organisation
400	FAO (Food and Agriculture Organisation) Food and Agriculture Organisation of the United Nations.
403	Comite Europeen de Normalisation Comite Européen de Normalisation (CEN), European committee for standardisation. GS1 Note: Replaces GS1 Temporary Code CEN.
404	Assigned by logistics service provider Codes assigned by a logistics service provider. GS1 Note: Replaces GS1 Temporary Code X6.
CEN	Comite European de Normalisation (GS1 Temporary Code) Comite European de Normalisation. GS1 Note: Code marked for deletion. Use value 403 instead.
PMS	Pantone Matching System (GS1 Temporary Code) Pantone Matching System.
RAL	DE, Deutsches Institut fuer Guetesicherung und Kennzeichnung (GS1 Temporary Code) German Institute for Quality Assurance and Certification.

Used Codes

X5	IT, Ufficio IVA (GS1 Temporary Code) Ufficio responsabile gestione partite IVA, Italy (Italian Institute issuing VAT registration numbers).
X6	Assigned by logistics service provider (GS1 Temporary Code) Codes assigned by the logistics service provider. GS1 Note: Code marked for deletion. Use value 404 instead.
ZZZ	Mutually defined A code assigned within a code list to be used on an interim basis and as defined among trading partners until a precise code can be assigned to the code list.

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.
DE	GERMANY

3239	Country of origin name code Code specifying the name of the country of origin. Notes: | 1. Use ISO 3166-1 two alpha country code.
DE	GERMANY

3453	Language name code Code specifying the language name. Notes: 1. Use ISO 639-1988.
AA	Afar
aa	Afar
AB	Abkhazian
ab	Abkhazian
AE	Avestan
ae	Avestan
AF	Afrikaans
af	Afrikaans
AK	Akan
ak	Akan

Used Codes

AM	Amharic
am	Amharic
AN	Aragonese
an	Aragonese
AR	Arabic
ar	Arabic
AS	Assamese
as	Assamese
AV	Avaric
av	Avaric
AY	Aymara
ay	Aymara
AZ	Azerbaijani
az	Azerbaijani
BA	Bashkir
ba	Bashkir
BE	Belarusian
be	Belarusian
BG	Bulgarian
bg	Bulgarian
BH	Bihari
bh	Bihari
BI	Bislama
bi	Bislama
BM	Bambara
bm	Bambara
BN	Bengali
bn	Bengali
BO	Tibetan
bo	Tibetan
BR	Breton
br	Breton
BS	Bosnian

Used Codes

bs	Bosnian
CA	Catalan; Valencian
ca	Catalan; Valencian
CE	Chechen
ce	Chechen
CH	Chamorro
ch	Chamorro
CO	Corsican
co	Corsican
CR	Cree
cr	Cree
CS	Czech
cs	Czech
CU	Church Slavic; Old Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic
cu	Church Slavic; Old Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic
CV	Chuvash
cv	Chuvash
CY	Welsh
cy	Welsh
DA	Danish
da	Danish
DE	German
de	German
DV	Divehi; Dhivehi; Maldivian
dv	Divehi; Dhivehi; Maldivian
DZ	Dzongkha
dz	Dzongkha
EE	Ewe
ee	Ewe
EL	Greek; Modern (1453-)
el	Greek; Modern (1453-)
EN	English

Used Codes

en	English
EO	Esperanto
eo	Esperanto
ES	Spanish; Castilian
es	Spanish; Castilian
ET	Estonian
et	Estonian
EU	Basque
eu	Basque
FA	Persian
fa	Persian
FF	Fulah
ff	Fulah
FI	Finnish
fi	Finnish
FJ	Fijian
fj	Fijian
FO	Faroese
fo	Faroese
FR	French
fr	French
FY	Western Frisian
fy	Western Frisian
GA	Irish
ga	Irish
GD	Gaelic; Scottish Gaelic
gd	Gaelic; Scottish Gaelic
GL	Galician
gl	Galician
GN	Guarani
gn	Guarani
GU	Gujarati
gu	Gujarati

Used Codes

GV	Manx
gv	Manx
HA	Hausa
ha	Hausa
HE	Hebrew
he	Hebrew
HI	Hindi
hi	Hindi
HO	Hiri Motu
ho	Hiri Motu
HR	Croatian
hr	Croatian
HT	Haitian; Haitian Creole
ht	Haitian; Haitian Creole
HU	Hungarian
hu	Hungarian
HY	Armenian
hy	Armenian
HZ	Herero
hz	Herero
IA	Interlingua (International Auxiliary Language Association)
ia	Interlingua (International Auxiliary Language Association)
ID	Indonesian
id	Indonesian
IE	Interlingue
ie	Interlingue
IG	Igbo
ig	Igbo
II	Sichuan Yi
ii	Sichuan Yi
IK	Inupiaq
ik	Inupiaq
IO	Ido

Used Codes

io	Ido
IS	Icelandic
is	Icelandic
IT	Italian
it	Italian
IU	Inuktiut
iu	Inuktiut
JA	Japanese
ja	Japanese
JV	Javanese
jv	Javanese
KA	Georgian
ka	Georgian
KG	Kongo
kg	Kongo
KI	Kikuyu; Gikuyu
ki	Kikuyu; Gikuyu
KJ	Kuanyama; Kwanyama
kj	Kuanyama; Kwanyama
KK	Kazakh
kk	Kazakh
KL	Kalaallisut; Greenlandic
kl	Kalaallisut; Greenlandic
KM	Central Khmer
km	Central Khmer
KN	Kannada
kn	Kannada
KO	Korean
ko	Korean
KR	Kanuri
kr	Kanuri
KS	Kashmiri
ks	Kashmiri

Used Codes

KU	Kurdish
ku	Kurdish
KV	Komi
kv	Komi
KW	Cornish
kw	Cornish
KY	Kirghiz; Kyrgyz
ky	Kirghiz; Kyrgyz
LA	Latin
la	Latin
LB	Luxembourgish; Letzeburgesch
lb	Luxembourgish; Letzeburgesch
LG	Ganda
lg	Ganda
LI	Limburgan; Limburger; Limburgish
li	Limburgan; Limburger; Limburgish
LN	Lingala
ln	Lingala
LO	Lao
lo	Lao
LT	Lithuanian
lt	Lithuanian
LU	Luba-Katanga
lu	Luba-Katanga
LV	Latvian
lv	Latvian
MG	Malagasy
mg	Malagasy
MH	Marshallese
mh	Marshallese
MI	Maori
mi	Maori
MK	Macedonian

Used Codes

mk	Macedonian
ML	Malayalam
ml	Malayalam
MN	Mongolian
mn	Mongolian
MO	Moldavian; Moldovan
mo	Moldavian; Moldovan
MR	Marathi
mr	Marathi
MS	Malay
ms	Malay
MT	Maltese
mt	Maltese
MY	Burmese
my	Burmese
NA	Nauru
na	Nauru
NB	Bokmal Norwegian; Norwegian Bokmal
nb	Bokmal Norwegian; Norwegian Bokmal
ND	Ndebele; North; North Ndebele
nd	Ndebele; North; North Ndebele
NE	Nepali
ne	Nepali
NG	Ndonga
ng	Ndonga
NL	Dutch; Flemish
nl	Dutch; Flemish
NN	Norwegian Nynorsk; Nynorsk, Norwegian
nn	Norwegian Nynorsk; Nynorsk, Norwegian
NO	Norwegian
no	Norwegian
NR	Ndebele; South; South Ndebele
nr	Ndebele; South; South Ndebele

Used Codes

NV	Navajo; Navaho
nv	Navajo; Navaho
NY	Chichewa; Chewa; Nyanja
ny	Chichewa; Chewa; Nyanja
OC	Occitan (post 1500); Provencal
oc	Occitan (post 1500); Provencal
OJ	Ojibwa
oj	Ojibwa
OM	Oromo
om	Oromo
OR	Oriya
or	Oriya
OS	Ossetian; Ossetic
os	Ossetian; Ossetic
PA	Panjabi; Punjabi
pa	Panjabi; Punjabi
PI	Pali
pi	Pali
PL	Polish
pl	Polish
PS	Pushto; Pashto
ps	Pushto; Pashto
PT	Portuguese
pt	Portuguese
QU	Quechua
qu	Quechua
RM	Romansh
rm	Romansh
RN	Rundi
rn	Rundi
RO	Romanian
ro	Romanian
RU	Russian

Used Codes

ru	Russian
RW	Kinyarwanda
rw	Kinyarwanda
SA	Sanskrit
sa	Sanskrit
SC	Sardinian
sc	Sardinian
SD	Sindhi
sd	Sindhi
SE	Northern Sami
se	Northern Sami
SG	Sango
sg	Sango
SI	Sinhala; Sinhalese
si	Sinhala; Sinhalese
SK	Slovak
sk	Slovak
SL	Slovenian
sl	Slovenian
SM	Samoan
sm	Samoan
SN	Shona
sn	Shona
SO	Somali
so	Somali
SQ	Albanian
sq	Albanian
SR	Serbian
sr	Serbian
SS	Swati
ss	Swati
ST	Sotho, Southern
st	Sotho, Southern

Used Codes

SU	Sundanese
su	Sundanese
SV	Swedish
sv	Swedish
SW	Swahili
sw	Swahili
TA	Tamil
ta	Tamil
TE	Telugu
te	Telugu
TG	Tajik
tg	Tajik
TH	Thai
th	Thai
TI	Tigrinya
ti	Tigrinya
TK	Turkmen
tk	Turkmen
TL	Tagalog
tl	Tagalog
TN	Tswana
tn	Tswana
TO	Tonga (Tonga Islands)
to	Tonga (Tonga Islands)
TR	Turkish
tr	Turkish
TS	Tsonga
ts	Tsonga
TT	Tatar
tt	Tatar
TW	Twi
tw	Twi
TY	Tahitian

Used Codes

ty	Tahitian
UG	Uighur; Uyghur
ug	Uighur; Uyghur
UK	Ukrainian
uk	Ukrainian
UR	Urdu
ur	Urdu
UZ	Uzbek
uz	Uzbek
VE	Venda
ve	Venda
VI	Vietnamese
vi	Vietnamese
VO	Volapük
vo	Volapük
WA	Walloon
wa	Walloon
WO	Wolof
wo	Wolof
XH	Xhosa
xh	Xhosa
YI	Yiddish
yi	Yiddish
YO	Yoruba
yo	Yoruba
ZA	Zhuang; Chuang
za	Zhuang; Chuang
ZH	Chinese
zh	Chinese
ZU	Zulu
zu	Zulu

4183 Special condition code
Code specifying a special condition.

Used Codes

15	Not subject to discount Item concerned is not applicable for discount calculation.
148	Supply direct delivery Goods to be supplied direct delivery to the delivery store and not through a distribution centre or a warehouse.
4277	Payment terms description identifier Identification of the terms of payment between the parties to a transaction (generic term). Notes: 1. Recommend use UN/ECE Recommendation No. 17 Payterms.
1	Draft(s) drawn on issuing bank Draft(s) must be drawn on the issuing bank.
2	Draft(s) drawn on advising bank Draft(s) must be drawn on the advising bank.
3	Draft(s) drawn on reimbursing bank Draft(s) must be drawn on the reimbursing bank.
4	Draft(s) drawn on applicant Draft(s) must be drawn on the applicant.
5	Draft(s) drawn on any other drawee Draft(s) must be drawn on any other drawee.
6	No drafts No drafts required.
ZZZ	Mutually defined (GS1 Temporary Code) A code identifying mutually defined payment terms.
4279	Payment terms type code qualifier Code qualifying the type of payment terms.
3	Fixed date Payments are due on the fixed date specified.
4441	Free text value code Code specifying free form text.
78E	Proof Of Delivery (GS1 Permanent Code) The mentioned URL refers to a Proof of Delivery document. This Code value can be used if DE 4451 of the FTX segment is ZXL.
IGL	Tax free EU delivery Delivery within the EU comunity
ST1	Fee reduction applies, due to discount and bonus agreements.

Used Codes

ST2	Fee reduction applies, due to our current business terms.
ST3	Discount or bonus agreements apply.

4451	Text subject code qualifier Code qualifying the subject of the text.
1E	Additional product information address (GS1 Temporary Code) Address at which additional information on the product can be found. GS1 Note: Code marked for deletion. Use value BAI instead.
2E	VAT exemption (GS1 Temporary Code) VAT exemption reason in clear text. GS1 Note: Code marked for deletion. Use value BAQ instead.
3E	Tracking URL (GS1 Temporary Code) The internet link (URL) to track the delivery of a specific package or consignment.
AAA	Goods description [7002] Plain language description of the nature of the goods sufficient to identify them at the level required for banking, Customs, statistical or transport purposes, avoiding unnecessary detail (Generic term).
AAB	Terms of payments [4276] Conditions of payment between the parties to a transaction (generic term).
AAC	Dangerous goods additional information Additional information concerning dangerous goods.
AAD	Dangerous goods, technical name Proper shipping name, supplemented as necessary with the correct technical name, by which a dangerous substance or article may be correctly identified or which is sufficiently informative to permit identification by reference to generally available literature.
AAG	Party instructions Indicates that the segment contains instructions to be passed on to the identified party.
AAI	General information The text contains general information.
AAK	Price conditions Information on the price conditions that are expected or given.
AAM	Equipment re-usage restrictions Technical or commercial reasons why a piece of equipment may not be re-used after the current transport terminates.
AAN	Handling restriction Restrictions in handling depending on the technical characteristics of the piece of equipment or on the nature of the goods.

Used Codes

AAO	Error description (free text) Error described by a free text.
AAR	Terms of delivery (4053) Free text of the non Incoterms terms of delivery. For Incoterms, use: 4053.
AAW	Letter of credit information Information pertaining to the letter of credit.
AAZ	Additional export information The text contains additional export information.
ABN	Accounting information Self explanatory. GS1 Description: Free text information regarding account.
ABO	Discrepancy information Free text or coded information to indicate a specific discrepancy.
ABU	Deferred payment termed additional Additional terms concerning deferred payment.
ACB	Additional information The text contains additional information.
ACD	Reason Reason for a request or response.
ACE	Dispute A notice, usually from buyer to seller, that something was found wrong with goods delivered or the services rendered, or with the related invoice.
ACF	Additional attribute information The text refers to information about an additional attribute not otherwise specified.
ACL	Quality Statement Code A statement on the quality of an object.
ADK	Promotion information The text contains information about a promotion.
ADL	Meter condition Description of the condition of a meter.
ADM	Meter reading information Information related to a particular reading of a meter.
ADS	Booked item information (SWIFT Code) Information pertaining to a booked item. GS1 Description: Information related to an item booked onto a financial account.

Used Codes

AEI	Instructions to the applicant Instructions given to the applicant.
AFF	Batch code structure A description of the structure of a batch code.
AFG	Product application A general description of the application of a product.
AGW	Location Description of a location.
AGZ	Marketing activities Information concerning marketing activities.
AIP	Question A free text question.
AIQ	Party information Free text information related to a party.
AIX	Warranty terms Text describing the terms of warranty which apply to a product or service.
ALL	All documents The note implies to all documents.
BAI	Additional product information address Address at which additional information on the product can be found. GS1 Note: Replaces GS1 Temporary Code 1E.
BAJ	Information to be printed on despatch advice Specification of free text information which is to be printed on a despatch advice. GS1 Note: Replaces GS1 Temporary Code DSI.
BAK	Missing goods remarks Remarks concerning missing goods. GS1 Note: Replaces GS1 Temporary Code MIS.
BAL	Non-acceptance information Information related to the non-acceptance of an order, goods or a consignment. GS1 Note: Replaces GS1 Temporary Code NAI.
BAM	Returns information Information related to the return of items. GS1 Note: Replaces GS1 Temporary Code RTI.
BAN	Sub-line item Note contains information related to sub-line item data. GS1 Note: Replaces GS1 Temporary Code SID.

Used Codes

BAO	Test information Information of a test. GS1 Note: Replaces GS1 Temporary Code TIN.
BAP	External link The external link to a digital document (e.g.: URL) GS1 Note: Replaces GS1 Temporary Code ZXL.
BAQ	VAT exemption reason The reason for Value Added Tax exemption. GS1 Note: Replaces GS1 Temporary Code 2E.
BLR	Transport document remarks Remarks concerning the complete consignment to be printed on the bill of lading.
BLV	B2C marketing information, short description Consumer marketing information, short description.
BLW	B2B marketing information, long description Trading partner marketing information, long description.
BLX	B2C marketing information, long description Consumer marketing information, long description.
BLY	Product ingredients Information on the ingredient make up of the product. Information on the constituent ingredient make up of the product specified as one string. Example: FTX+ING+1+ +Tomato puree (54%), water, onions (9%), sunflower seed oil' FTX+ING+1+ +(cold pressed, untempered, unrefined) (10%), corn syrup (2%), soy protein (12%) ...:...:::+EN'
CHG	Change information Note contains change information.
CIP	Customs clearance instruction import Any coded or clear instruction agreed by customer and carrier regarding the import declaration of the goods.
CLR	Loading remarks Instructions concerning the loading of the container.
CUS	Customs declaration information Note contains customs declaration information.
DAR	Damage remarks Remarks concerning damage on the cargo.
DEL	Delivery information Information about delivery.

Used Codes

DIN	Delivery instructions Instructions regarding the delivery of the cargo.
DSI	Information to be printed on despatch advice (GS1 Temporary Code) Specification of free text information which is to be printed on a despatch advice. GS1 Note: Code marked for deletion. Use value BAJ instead.
DUT	Duty declaration The text contains a statement constituting a duty declaration.
GEN	Entire transaction set Note is general in nature, applies to entire transaction segment.
HAN	Handling instructions [4078] Instructions on how specified goods, packages or containers should be handled.
HAZ	Hazard information Information pertaining to a hazard.
IIN	Insurance instructions Instructions regarding the cargo insurance.
INS	Insurance information Specific note contains insurance information.
INV	Invoice instruction Note contains invoice instructions.
ITS	Testing instructions Instructions regarding the testing that is required to be carried out on the items in the transaction.
LIN	Line item Note contains line item information.
LOI	Loading instruction Instructions where specified packages or containers are to be loaded on a means of transport.
MIS	Missing goods remarks (GS1 Temporary Code) Remarks concerning missing goods. GS1 Note: Code marked for deletion. Use value BAK instead.
MKS	Additional marks/numbers information Additional information regarding the marks and numbers.
NAI	Non-acceptance information (GS1 Temporary Code) Information related to the non-acceptance of an order, goods or a consignment. GS1 Note: Code marked for deletion. Use value BAL instead.

Used Codes

ORI	Order instruction Free text contains order instructions.
OSI	Other service information General information created by the sender of general or specific value.
PAC	Packing/marking information Information regarding the packaging and/or marking of goods.
PAY	Payables information Note contains payables information.
PKG	Packaging information Note contains packaging information. GS1 Description: Note contains packaging instructions.
PMD	Payment detail/remittance information The free text contains payment details.
PMT	Payment information Note contains payments information.
PRD	Product information The text contains product information.
PRF	Price calculation formula Additional information regarding the price formula used for calculating the item price.
PRI	Priority information Note contains priority information.
PUR	Purchasing information Note contains purchasing information.
QQD	Quality demands/requirements Specification of the quality/performance expectations or standards to which the items must conform.
QUT	Quotation instruction/information Note contains quotation information.
REG	Regulatory information The free text contains information for regulatory authority.
RET	Return to origin information Free text information on an IATA Air Waybill to indicate consignment returned because of non delivery.
REV	Receivables The text contains receivables information.

Used Codes

RQR	Requested routes/routing instructions [3074] Names of places via which the consignor requests a consignment to be routed.
RQT	Tariffs and route requested [4120] Stipulation of the tariffs to be applied showing, where applicable, special-agreement numbers or references; indication of routes by frontier points or by frontier stations and, when necessary, by transit stations between.
RTI	Returns information (GS1 Temporary Code) Information related to the return of goods. GS1 Note: Code marked for deletion. Use value BAM instead.
SAF	Safety information The text contains safety information.
SIC	Sender's instruction to carrier [4284] Instructions given and declarations made by the sender to the carrier concerning Customs, insurance, and other formalities.
SID	Sub line item (GS1 Temporary Code) Note contains information related to sub line item data. GS1 Note: Code marked for deletion. Use value BAN instead.
SIN	Special instructions Special instructions like licence no, high value, handle with care, glass.
SPH	Special handling Note contains special handling information.
SSR	Special service request Request for a special service concerning the transport of the goods.
SUR	Supplier remarks Remarks from or for a supplier of goods or services.
TIN	Test information (GS1 Temporary Code) Information related to a test which will be, or has been, carried out. GS1 Note: Code marked for deletion. Use value BAO instead.
TRA	Transportation information General information regarding the transport of the cargo.
TXD	Tax declaration The text contains a statement constituting a tax declaration.
WHI	Warehouse instruction/information Note contains warehouse information.
XYZ	No partial delivery (GS1 Temporary Code) The goods that are not delivered have to be re-ordered by the buyer. Supplier only delivers the goods they have in stock at that moment. One order leads to one delivery.

Used Codes

ZXL	External link (GS1 Temporary code) The external link to a digital document (e.g.: URL) GS1 Note 1: This Code value can be used if no EFI segment is available. If the type of the referenced document (e.g. proof-of-delivery.pdf) can be identified by a code value of DE 1001, this code value should be used to fill DE 4441. (e.g. 78E), DE 3055 = 9. GS1 Note 2: Code marked for deletion. Use value BAP instead.
ZYZ	Partial delivery allowed (GS1 Temporary Code) The supplier keeps delivering until the entire order is fulfilled. One order can lead to many deliveries. The buyer doesn't need to place a new order; they just waits for the other goods to be delivered.
ZZZ	Mutually defined Note contains information mutually defined by trading partners.

4453	Free text function code Code specifying the function of free text.
1	Text for subsequent use The occurrence of this text does not affect message processing.

5025	Monetary amount type code qualifier Code qualifying the type of monetary amount.
8	Allowance or charge amount [5422] Total amount of allowance or charge.
25	Charge/allowance basis The amount specified is the basis for calculation of charges/allowance.
77	Invoice amount [5068] Total sum charged in respect of a single Invoice in accordance with the terms of delivery.
79	Total line items amount The sum of all the line item amounts.
124	Tax amount Tax imposed by government or other official authority related to the weight/ volume charge or valuation charge.
125	Taxable amount Amount on which a tax has to be applied. GS1 Description: The monetary amount liable to tax.
131	Total charges/allowances The amount specified is the total of all charges/allowances.
204	Allowance amount The amount of an allowance.

Used Codes

402	Total retail value The total retail value of all products.
5153	Duty or tax or fee type name code Code specifying a type of duty, tax or fee.
VAT	Value added tax A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.
5245	Percentage type code qualifier Code qualifying the type of percentage.
3	Allowance or charge [5424] Allowance or charge expressed as a percentage.
12	Discount Discount expressed as a percentage.
5273	Duty or tax or fee rate basis code Code specifying the basis for a duty or tax or fee rate.
1	Value (5316) To specify that the applicable rate of duty, tax or fee is based on the Customs value (CCC).
2	Weight (6150) To specify that the applicable rate of duty, tax or fee is based on the weight of the item (CCC).
3	Quantity (6060) To specify that the applicable rate of duty, tax or fee is based on the quantity of the item (CCC).
5283	Duty or tax or fee function code qualifier Code qualifying the function of a duty or tax or fee.
7	Tax Contribution levied by an authority.
5305	Duty or tax or fee category code Code specifying a duty or tax or fee category.
A	Mixed tax rate Code specifying that the rate is based on mixed tax. GS1 Description: Transaction includes item taxed at different rates.

Used Codes

AA	Lower Rate Tax rate is lower than standard rate.
AC	Value Added Tax (VAT) not now due for payment A code to indicate that the Value Added Tax (VAT) amount which is due on the current invoice is to be paid on receipt of a separate VAT payment request. GS1 Description: The value added tax is not due for payment now.
AE	VAT Reverse Charge Code specifying that the standard VAT rate is levied from the invoicee. GS1 Description: Code specifying that the rate is based upon the reverse charge VAT treatment which is always standard rate tax.
C	Duty paid by supplier Duty associated with shipment of goods is paid by the supplier; customer receives goods with duty paid.
D	Value Added Tax (VAT) margin scheme - travel agents Indication that the VAT margin scheme for travel agents is applied.
E	Exempt from tax Code specifying that taxes are not applicable. GS1 Description: All items in the transaction or a specific line item are exempt from tax.
F	Value Added Tax (VAT) margin scheme - second-hand goods Margin scheme for second-hand goods.
G	Free export item, tax not charged Indication that the VAT margin scheme for second-hand goods is applied.
H	Higher rate Code specifying a higher rate of duty or tax or fee. GS1 Description: All items in the transaction or a specific line item are taxed at the higher rate of tax.
I	Value Added Tax (VAT) margin scheme - works of art Indication that the VAT margin scheme for works of art is applied.
J	Value Added Tax (VAT) margin scheme - collector’s items and antiques Indication that the VAT margin scheme for collector’s items and antiques is applied.
O	Services outside scope of tax Code specifying that taxes are not applicable to the services.
S	Standard rate Code specifying the standard rate. GS1 Description: All items in the transaction or a specific line item are taxed at the standard rate of tax.

Used Codes

Z	Zero rated goods Code specifying that the goods are at a zero rate. GS1 Description: All items in the transaction or a specific line item are zero tax rated.
5419	Rate type code qualifier Code qualifying the type of rate.
1	Allowance rate Code specifying the allowance rate.
2	Charge rate Code specifying the charge rate.
5463	Allowance or charge code qualifier Code qualifying an allowance or charge.
A	Allowance Code specifying an allowance. GS1 Description: Deduction in the form of a rate, amount, percentage, or quantity to the price or amount charged for a product.
C	Charge Code specifying a charge. GS1 Description: Addition in the form of a rate, amount, percentage, or quantity to the price or amount charged for a product.
6063	Quantity type code qualifier Code qualifying the type of quantity.
1	Discrete quantity Individually separated and distinct quantity.
6343	Currency type code qualifier Code qualifying the type of currency.
4	Invoicing currency The name or symbol of the monetary unit used for calculation in an invoice.
6345	Currency identification code Code specifying a monetary unit. Notes: 1. Use ISO 4217 three alpha code.
AED	Dirham
AFN	Afghani

Used Codes

ALL	Lek
AMD	Dram
ANG	Netherlands Antillian Guilder
AOA	Kwanza
ARS	Argentine Peso
AUD	Australian Dollar
AWG	Aruban Florin
AZN	Azerbaijan Manat
BAM	Convertible Mark
BBD	Barbados Dollar
BDT	Taka
BGN	Bulgarian Lev
BHD	Bahraini Dinar
BIF	Burundi Franc
BMD	Bermudian Dollar (customarily: Bermuda Dollar)
BND	Brunei Dollar
BOB	Boliviano
BOV	Mvdol
BRL	Brazilian Real
BSD	Bahamian Dollar
BTN	Ngultrum
BWP	Pula
BYN	Belarussian Ruble
BZD	Belize Dollar
CAD	Canadian Dollar
CDF	Franc Congolais
CHE	WIR Euro
CHF	Swiss Franc
CHW	WIR Franc
CLF	Unidad de Fomento
CLP	Chilean Peso
CNY	Yuan Renminbi
COP	Colombian Peso

Used Codes

COU	Unidad de Valor Real
CRC	Costa Rican Colon
CUC	Peso Convertible
CUP	Cuban Peso
CVE	Cabo Verde Escudo
CZK	Czech Koruna
DJF	Djibouti Franc
DKK	Danish Krone
DOP	Dominican Peso
DZD	Algerian Dinar
EGP	Egyptian Pound
ERN	Nakfa
ETB	Ethopian Birr
EUR	Euro
FJD	Fiji Dollar
FKP	Falkland Islands Pound
GBP	Pound Sterling
GEL	Lari
GHS	Ghana Cedi
GIP	Gibraltar Pound
GMD	Dalasi
GNF	Guinean Franc
GTQ	Quetzal
GYD	Guyana Dollar
HKD	Honk Kong Dollar
HNL	Lempira
HRK	Kuna
HTG	Gourde
HUF	Forint
IDR	Rupiah
ILS	New Israeli Sheqel
INR	Indian Rupee
IQD	Iraqi Dinar

Used Codes

IRR	Iranian Rial
ISK	Iceland Krona
JMD	Jamaican Dollar
JOD	Jordanian Dinar
JPY	Yen
KES	Kenyan Shilling
KGS	Som
KHR	Riel
KMF	Comorian Franc
KPW	North Korean Won
KRW	Won
KWD	Kuwaiti Dinar
KYD	Cayman Islands Dollar
KZT	Tenge
LAK	Lao Kip
LBP	Lebanese Pound
LKR	Sri Lanka Rupee
LRD	Liberian Dollar
LSL	Loti
LYD	Libyan Dinar
MAD	Morrocan Dirham
MDL	Moldovan Leu
MGA	Ariary
MKD	Denar
MMK	Kyat
MNT	Tugrik
MOP	Pataca
MRU	Ouguiya
MUR	Mauritius Rupee
MVR	Rufiyaa
MWK	Malawi Kwacha
MXN	Mexican Peso
MXV	Mexican Unidad de Inversion (UDI)

Used Codes

MYR	Malaysian Ringgit
MZN	Mozambique Metical
NAD	Namibia Dollar
NGN	Naira
NIO	Cordoba Oro
NOK	Norwegian Krone
NPR	Nepalese Rupee
NZD	New Zealand Dollar
OMR	Rial Omani
PAB	Balboa
PEN	Sol
PGK	Kina
PHP	Philippine Piso
PKR	Pakistan Rupee
PLN	Zloty
PYG	Guarani
QAR	Qatari Rial
RON	Romanian Leu This currency code is effective from 1 July 2005
RSD	Serbian Dinar
RUB	Russian Ruble
RWF	Rwanda Franc
SAR	Saudi Riyal
SBD	Solomon Islands Dollar
SCR	Seychelles Rupee
SDG	Sudanese Pound
SEK	Swedish Krona
SGD	Singapore Dollar
SHP	St. Helena Pound
SLL	Leone
SOS	Somali Shilling
SRD	Suriname Dollar
SSP	South Sudanese Pound

Used Codes

STN	Dobra
SVC	El Salvador Colon
SYP	Syrian Pound
SZL	Lilangeni
THB	Baht
TJS	Somoni
TMT	Turkmenistan New Manat
TND	Tunisian Dinar
TOP	Pa'anga
TRY	Turkish Lira
TTD	Trinidad and Tobago Dollar
TWD	New Taiwan Dollar
TZS	Tanzanian Shilling
UAH	Hryvnia
UGX	Uganda Shilling
USD	US Dollar
USN	US Dollar (Next day)
UYI	Uruguayo Peso en Unidades
UYU	Peso Uruguayo
UYW	Unidad Previsional
UZS	Uzbekistan Sum
VES	Bolívar Soberano
VND	Dong
VUV	Vatu
WST	Tala
XAF	CFA Franc
XAG	Silver
XAU	Gold
XBA	Bond Markets Units European Composite Unit (EURCO)
XBB	European Monetary Unit (E.M.U.-6)
XBC	European Unit of Account 9 (E.U.A.-9)
XBD	European Unit of Account 17 (E.U.A.-17)
XCD	East Carribean Dollar

Used Codes

XDR	SDR
XOF	CFA Franc
XPD	Palladium
XPF	CFP Franc
XPT	Platinum
XSU	Sucre
XTS	Codes specifically reserved for testing purposes
XUA	ADB Unit of Account
XXX	The codes assigned for transactions where no currency is involved
YER	Yemeni Rial
ZAR	Rand
ZMW	Zambian Kwacha
ZWL	Zimbabwe Dollar (effective 1 February 2009)

6347	Currency usage code qualifier Code qualifying the usage of a currency.
2	Reference currency The currency applicable to amounts stated. It may have to be converted.
3	Target currency The currency which should be used to the target destination of the transaction.

6411	Measurement unit code Code specifying the unit of measurement. Notes: | 1. Recommend use UN/ECE Recommendation 20, Common code.
10	group A unit of count defining the number of groups (group: set of items classified together).
11	outfit A unit of count defining the number of outfits (outfit: a complete set of equipment / materials / objects used for a specific purpose).
13	ration A unit of count defining the number of rations (ration: a single portion of provisions).
14	shot A unit of liquid measure, especially related to spirits.

Used Codes

15	stick, military A unit of count defining the number of military sticks (military stick: bombs or paratroops released in rapid succession from an aircraft).
20	twenty foot container A unit of count defining the number of shipping containers that measure 20 foot in length.
21	forty foot container A unit of count defining the number of shipping containers that measure 40 foot in length.
22	decilitre per gram
23	gram per cubic centimetre
24	theoretical pound A unit of mass defining the expected mass of material expressed as the number of pounds.
25	gram per square centimetre
27	theoretical ton A unit of mass defining the expected mass of material, expressed as the number of tons.
28	kilogram per square metre
33	kilopascal square metre per gram
34	kilopascal per millimetre
35	millilitre per square centimetre second
37	ounce per square foot
38	ounce per square foot per 0,01inch
40	millilitre per second
41	millilitre per minute
56	sitas A unit of area for tin plate equal to a surface area of 100 square metres.
57	mesh A unit of count defining the number of strands per inch as a measure of the fineness of a woven product.
58	net kilogram A unit of mass defining the total number of kilograms after deductions.
59	part per million A unit of proportion equal to 10 to the power of -6.
60	percent weight A unit of proportion equal to 10 to the power of -2.

Used Codes

61	part per billion (US) A unit of proportion equal to 10 to the power of -9.
64	pound per square inch, gauge
66	oersted
74	millipascal
76	gauss
77	milli-inch
78	kilogauss
80	pound per square inch absolute
81	henry
84	kilopound-force per square inch A unit of pressure defining the number of kilopounds force per square inch. Use kip per square inch (common code N20).
85	foot pound-force
87	pound per cubic foot
89	poise
91	stokes
1I	fixed rate A unit of quantity expressed as a predetermined or set rate for usage of a facility or service.
2A	radian per second Refer ISO/TC12 SI Guide
2B	radian per second squared Refer ISO/TC12 SI Guide
2C	roentgen
2G	volt AC A unit of electric potential in relation to alternating current (AC).
2H	volt DC A unit of electric potential in relation to direct current (DC).
2I	British thermal unit (international table) per hour
2J	cubic centimetre per second
2K	cubic foot per hour
2L	cubic foot per minute
2M	centimetre per second
2N	decibel

Used Codes

2P	kilobyte A unit of information equal to 10 to the power of 3 (1000) bytes.
2Q	kilobecquerel
2R	kilocurie
2U	megagram
2X	metre per minute
2Y	milliroentgen
2Z	millivolt
3B	megajoule
3C	manmonth A unit of count defining the number of months for a person or persons to perform an undertaking.
4C	centistokes
4G	microlitre
4H	micrometre (micron)
4K	milliampere
4L	megabyte A unit of information equal to 10 to the power of 6 (1000000) bytes.
4M	milligram per hour
4N	megabecquerel
4O	microfarad
4P	newton per metre
4Q	ounce inch
4R	ounce foot
4T	picofarad
4U	pound per hour
4W	ton (US) per hour
4X	kilolitre per hour
5A	barrel (US) per minute
5B	batch A unit of count defining the number of batches (batch: quantity of material produced in one operation or number of animals or persons coming at once).
5E	MMSCF/day A unit of volume equal to one million (1000000) cubic feet of gas per day.

Used Codes

5J	hydraulic horse power A unit of power defining the hydraulic horse power delivered by a fluid pump depending on the viscosity of the fluid.
A1	15 °C calorie
A10	ampere square metre per joule second
A11	angstrom
A12	astronomical unit
A13	attojoule
A14	barn
A15	barn per electronvolt
A16	barn per steradian electronvolt
A17	barn per steradian
A18	becquerel per kilogram
A19	becquerel per cubic metre
A2	ampere per centimetre
A20	British thermal unit (international table) per second square foot degree Rankine
A21	British thermal unit (international table) per pound degree Rankine
A22	British thermal unit (international table) per second foot degree Rankine
A23	British thermal unit (international table) per hour square foot degree Rankine
A24	candela per square metre
A25	cheval vapeur Synonym: metric horse power
A26	coulomb metre
A27	coulomb metre squared per volt
A28	coulomb per cubic centimetre
A29	coulomb per cubic metre
A3	ampere per millimetre
A30	coulomb per cubic millimetre
A31	coulomb per kilogram second
A32	coulomb per mole
A33	coulomb per square centimetre
A34	coulomb per square metre
A35	coulomb per square millimetre

Used Codes

A36	cubic centimetre per mole
A37	cubic decimetre per mole
A38	cubic metre per coulomb
A39	cubic metre per kilogram
A4	ampere per square centimetre
A40	cubic metre per mole
A41	ampere per square metre
A42	curie per kilogram
A43	deadweight tonnage A unit of mass defining the difference between the weight of a ship when completely empty and its weight when completely loaded, expressed as the number of tons.
A44	decalitre
A45	decametre
A47	decitex A unit of yarn density. One decitex equals a mass of 1 gram per 10 kilometres of length.
A48	degree Rankine Refer ISO 80000-5 (Quantities and units — Part 5: Thermodynamics)
A49	denier A unit of yarn density. One denier equals a mass of 1 gram per 9 kilometres of length.
A5	ampere square metre
A50	dyne second per cubic centimetre
A51	dyne second per centimetre
A52	dyne second per centimetre to the fifth power
A53	electronvolt
A54	electronvolt per metre
A55	electronvolt square metre
A56	electronvolt square metre per kilogram
A57	erg
A58	erg per centimetre
A59	8-part cloud cover A unit of count defining the number of eighth-parts as a measure of the celestial dome cloud coverage. Synonym: OKTA , OCTA

Used Codes

A6	ampere per square metre kelvin squared
A60	erg per cubic centimetre
A61	erg per gram
A62	erg per gram second
A63	erg per second
A64	erg per second square centimetre
A65	erg per square centimetre second
A66	erg square centimetre
A67	erg square centimetre per gram
A68	exajoule
A69	farad per metre
A7	ampere per square millimetre
A70	femtojoule
A71	femtometre
A73	foot per second squared
A74	foot pound-force per second
A75	freight ton A unit of information typically used for billing purposes, defined as either the number of metric tons or the number of cubic metres, whichever is the larger.
A76	gal
A77	Gaussian CGS (Centimetre-Gram-Second system) unit of displacement
A78	Gaussian CGS (Centimetre-Gram-Second system) unit of electric current
A79	Gaussian CGS (Centimetre-Gram-Second system) unit of electric charge
A8	ampere second
A80	Gaussian CGS (Centimetre-Gram-Second system) unit of electric field strength
A81	Gaussian CGS (Centimetre-Gram-Second system) unit of electric polarization
A82	Gaussian CGS (Centimetre-Gram-Second system) unit of electric potential
A83	Gaussian CGS (Centimetre-Gram-Second system) unit of magnetization
A84	gigacoulomb per cubic metre
A85	gigaelectronvolt
A86	gigahertz
A87	gigaohm
A88	gigaohm metre
A89	gigapascal

Used Codes

A9	rate A unit of quantity expressed as a rate for usage of a facility or service.
A90	gigawatt
A91	gon Synonym: grade
A93	gram per cubic metre
A94	gram per mole
A95	gray
A96	gray per second
A97	hectopascal
A98	henry per metre
A99	bit A unit of information equal to one binary digit.
AA	ball A unit of count defining the number of balls (ball: object formed in the shape of sphere).
AB	bulk pack A unit of count defining the number of items per bulk pack.
ACR	acre
ACT	activity A unit of count defining the number of activities (activity: a unit of work or action).
AD	byte A unit of information equal to 8 bits.
AE	ampere per metre
AH	additional minute A unit of time defining the number of minutes in addition to the referenced minutes.
AI	average minute per call A unit of count defining the number of minutes for the average interval of a call.
AK	fathom
AL	access line A unit of count defining the number of telephone access lines.
AMH	ampere hour A unit of electric charge defining the amount of charge accumulated by a steady flow of one ampere for one hour.

Used Codes

AMP	ampere
ANN	year Unit of time equal to 365,25 days. Synonym: Julian year
APZ	troy ounce or apothecary ounce
AQ	anti-hemophilic factor (AHF) unit A unit of measure for blood potency (US).
ARE	are Synonym: square decametre
AS	assortment A unit of count defining the number of assortments (assortment: set of items grouped in a mixed collection).
ASM	alcoholic strength by mass A unit of mass defining the alcoholic strength of a liquid.
ASU	alcoholic strength by volume A unit of volume defining the alcoholic strength of a liquid (e.g. spirit, wine, beer, etc), often at a specific temperature.
ATM	standard atmosphere
ATT	technical atmosphere
AWG	american wire gauge A unit of distance used for measuring the diameter of small tubes or wires such as the outer diameter of hypotermic or suture needles.
AY	assembly A unit of count defining the number of assemblies (assembly: items that consist of component parts).
AZ	British thermal unit (international table) per pound
B1	barrel (US) per day
B10	bit per second A unit of information equal to one binary digit per second.
B11	joule per kilogram kelvin
B12	joule per metre
B13	joule per square metre Synonym: joule per metre squared
B14	joule per metre to the fourth power
B15	joule per mole
B16	joule per mole kelvin

Used Codes

B17	credit A unit of count defining the number of entries made to the credit side of an account.
B18	joule second
B19	digit A unit of information defining the quantity of numerals used to form a number.
B20	joule square metre per kilogram
B21	kelvin per watt
B22	kiloampere
B23	kiloampere per square metre
B24	kiloampere per metre
B25	kilobecquerel per kilogram
B26	kilocoulomb
B27	kilocoulomb per cubic metre
B28	kilocoulomb per square metre
B29	kiloelectronvolt
B3	batting pound A unit of mass defining the number of pounds of wadded fibre.
B30	gibibit A unit of information equal to 2³? bits (binary digits).
B31	kilogram metre per second
B32	kilogram metre squared
B33	kilogram metre squared per second
B34	kilogram per cubic decimetre
B35	kilogram per litre
B36	calorie (thermochemical) per gram
B37	kilogram-force
B38	kilogram-force metre
B39	kilogram-force metre per second
B4	barrel, imperial A unit of volume used to measure beer. One beer barrel equals 36 imperial gallons.
B40	kilogram-force per square metre
B41	kilojoule per kelvin
B42	kilojoule per kilogram

Used Codes

B43	kilojoule per kilogram kelvin
B44	kilojoule per mole
B45	kilomole
B46	kilomole per cubic metre
B47	kilonewton
B48	kilonewton metre
B49	kiloohm
B50	kiloohm metre
B51	kilopond Synonym: kilogram-force
B52	kilosecond
B53	kilosiemens
B54	kilosiemens per metre
B55	kilovolt per metre
B56	kiloweber per metre
B57	light year A unit of length defining the distance that light travels in a vacuum in one year.
B58	litre per mole
B59	lumen hour
B60	lumen per square metre
B61	lumen per watt
B62	lumen second
B63	lux hour
B64	lux second
B65	maxwell
B66	megaampere per square metre
B67	megabecquerel per kilogram
B68	gigabit A unit of information equal to 10 to the power of 9 bits (binary digits).
B69	megacoulomb per cubic metre
B7	cycle A unit of count defining the number of cycles (cycle: a recurrent period of definite duration).
B70	megacoulomb per square metre

Used Codes

B71	megaelectronvolt
B72	megagram per cubic metre
B73	meganewton
B74	meganewton metre
B75	megaohm
B76	megaohm metre
B77	megasiemens per metre
B78	megavolt
B79	megavolt per metre
B8	joule per cubic metre
B80	gigabit per second A unit of information equal to 10 to the power of 9 bits (binary digits) per second.
B81	reciprocal metre squared reciprocal second
B82	inch per linear foot A unit of length defining the number of inches per linear foot.
B83	metre to the fourth power
B84	microampere
B85	microbar
B86	microcoulomb
B87	microcoulomb per cubic metre
B88	microcoulomb per square metre
B89	microfarad per metre
B90	microhenry
B91	microhenry per metre
B92	micronewton
B93	micronewton metre
B94	microohm
B95	microohm metre
B96	micropascal
B97	microradian
B98	microsecond
B99	microsiemens
BAR	bar [unit of pressure]

Used Codes

BB	base box A unit of area of 112 sheets of tin mil products (tin plate, tin free steel or black plate) 14 by 20 inches, or 31,360 square inches.
BFT	board foot A unit of volume defining the number of cords (cord: a stack of firewood of 128 cubic feet).
BHP	brake horse power
BIL	billion (EUR) Synonym: trillion (US)
BLD	dry barrel (US)
BLL	barrel (US)
BP	hundred board foot A unit of volume equal to one hundred board foot.
BPM	beats per minute The number of beats per minute.
BQL	becquerel
BTU	British thermal unit (international table)
BUA	bushel (US)
BUI	bushel (UK)
C0	call A unit of count defining the number of calls (call: communication session or visitation).
C10	millifarad
C11	milligal
C12	milligram per metre
C13	milligray
C14	millihenry
C15	millijoule
C16	millimetre per second
C17	millimetre squared per second
C18	millimole
C19	mole per kilogram
C20	millinewton
C21	kibibit A unit of information equal to 2 to the power of 10 (1024) bits (binary digits).
C22	millinewton per metre

Used Codes

C23	milliohm metre
C24	millipascal second
C25	milliradian
C26	millisecond
C27	millisiemens
C28	millisievert
C29	millitesla
C3	microvolt per metre
C30	millivolt per metre
C31	milliwatt
C32	milliwatt per square metre
C33	milliweber
C34	mole
C35	mole per cubic decimetre
C36	mole per cubic metre
C37	kilobit A unit of information equal to 10 to the power of 3 (1000) bits (binary digits).
C38	mole per litre
C39	nanoampere
C40	nanocoulomb
C41	nanofarad
C42	nanofarad per metre
C43	nanohenry
C44	nanohenry per metre
C45	nanometre
C46	nanoohm metre
C47	nanosecond
C48	nanotesla
C49	nanowatt
C50	neper
C51	neper per second
C52	picometre
C53	newton metre second

Used Codes

C54	newton metre squared per kilogram squared
C55	newton per square metre
C56	newton per square millimetre
C57	newton second
C58	newton second per metre
C59	octave A unit used in music to describe the ratio in frequency between notes.
C60	ohm centimetre
C61	ohm metre
C62	one Synonym: unit
C63	parsec
C64	pascal per kelvin
C65	pascal second
C66	pascal second per cubic metre
C67	pascal second per metre
C68	petajoule
C69	phon A unit of subjective sound loudness. A sound has loudness p phons if it seems to the listener to be equal in loudness to the sound of a pure tone of frequency 1 kilohertz and strength p decibels.
C7	centipoise
C70	picoampere
C71	picocoulomb
C72	picofarad per metre
C73	picohenry
C74	kilobit per second A unit of information equal to 10 to the power of 3 (1000) bits (binary digits) per second.
C75	picowatt
C76	picowatt per square metre
C78	pound-force
C79	kilovolt ampere hour A unit of accumulated energy of 1000 volt amperes over a period of one hour.
C8	millicoulomb per kilogram

Used Codes

C80	rad
C81	radian
C82	radian square metre per mole
C83	radian square metre per kilogram
C84	radian per metre
C85	reciprocal angstrom
C86	reciprocal cubic metre
C87	reciprocal cubic metre per second Synonym: reciprocal second per cubic metre
C88	reciprocal electron volt per cubic metre
C89	reciprocal henry
C9	coil group A unit of count defining the number of coil groups (coil group: groups of items arranged by lengths of those items placed in a joined sequence of concentric circles).
C90	reciprocal joule per cubic metre
C91	reciprocal kelvin or kelvin to the power minus one
C92	reciprocal metre
C93	reciprocal square metre Synonym: reciprocal metre squared
C94	reciprocal minute
C95	reciprocal mole
C96	reciprocal pascal or pascal to the power minus one
C97	reciprocal second
C99	reciprocal second per metre squared
CCT	carrying capacity in metric ton A unit of mass defining the carrying capacity, expressed as the number of metric tons.
CDL	candela
CEL	degree Celsius Refer ISO 80000-5 (Quantities and units — Part 5: Thermodynamics)
CEN	hundred A unit of count defining the number of units in multiples of 100.
CG	card A unit of count defining the number of units of card (card: thick stiff paper or cardboard).

Used Codes

CGM	centigram
CKG	coulomb per kilogram
CLF	hundred leave A unit of count defining the number of leaves, expressed in units of one hundred leaves.
CLT	centilitre
CMK	square centimetre
CMQ	cubic centimetre
CMT	centimetre
CNP	hundred pack A unit of count defining the number of hundred-packs (hundred-pack: set of one hundred items packaged together).
CNT	cental (UK) A unit of mass equal to one hundred weight (US).
COU	coulomb
CTG	content gram A unit of mass defining the number of grams of a named item in a product.
CTM	metric carat
CTN	content ton (metric) A unit of mass defining the number of metric tons of a named item in a product.
CUR	curie
CWA	hundred pound (cwt) / hundred weight (US)
CWI	hundred weight (UK)
D03	kilowatt hour per hour A unit of accumulated energy of a thousand watts over a period of one hour.
D04	lot [unit of weight] A unit of weight equal to about 1/2 ounce or 15 grams.
D1	reciprocal second per steradian
D10	siemens per metre
D11	mebibit A unit of information equal to 2 to the power of 20 (1048576) bits (binary digits).
D12	siemens square metre per mole
D13	sievert

Used Codes

D15	sone A unit of subjective sound loudness. One sone is the loudness of a pure tone of frequency one kilohertz and strength 40 decibels.
D16	square centimetre per erg
D17	square centimetre per steradian erg
D18	metre kelvin
D19	square metre kelvin per watt
D2	reciprocal second per steradian metre squared
D20	square metre per joule
D21	square metre per kilogram
D22	square metre per mole
D23	pen gram (protein) A unit of count defining the number of grams of amino acid prescribed for parenteral/enteral therapy.
D24	square metre per steradian
D25	square metre per steradian joule
D26	square metre per volt second
D27	steradian
D29	terahertz
D30	terajoule
D31	terawatt
D32	terawatt hour
D33	tesla
D34	tex A unit of yarn density. One decitex equals a mass of 1 gram per 1 kilometre of length.
D35	calorie (thermochemical)
D36	megabit A unit of information equal to 10 to the power of 6 (1000000) bits (binary digits).
D37	calorie (thermochemical) per gram kelvin
D38	calorie (thermochemical) per second centimetre kelvin
D39	calorie (thermochemical) per second square centimetre kelvin
D41	tonne per cubic metre
D42	tropical year

Used Codes

D43	unified atomic mass unit
D44	var The name of the unit is an acronym for volt-ampere-reactive.
D45	volt squared per kelvin squared
D46	volt - ampere
D47	volt per centimetre
D48	volt per kelvin
D49	millivolt per kelvin
D5	kilogram per square centimetre
D50	volt per metre
D51	volt per millimetre
D52	watt per kelvin
D53	watt per metre kelvin
D54	watt per square metre
D55	watt per square metre kelvin
D56	watt per square metre kelvin to the fourth power
D57	watt per steradian
D58	watt per steradian square metre
D59	weber per metre
D6	roentgen per second
D60	weber per millimetre
D61	minute [unit of angle]
D62	second [unit of angle]
D63	book A unit of count defining the number of books (book: set of items bound together or written document of a material whole).
D65	round A unit of count defining the number of rounds (round: A circular or cylindrical object).
D68	number of words A unit of count defining the number of words.
D69	inch to the fourth power
D70	calorie (international table)
D71	calorie (international table) per second centimetre kelvin
D72	calorie (international table) per second square centimetre kelvin

Used Codes

D73	joule square metre
D74	kilogram per mole
D75	calorie (international table) per gram
D76	calorie (international table) per gram kelvin
D77	megacoulomb
D78	megajoule per second A unit of accumulated energy equal to one million joules per second.
D80	microwatt
D81	microtesla
D82	microvolt
D83	millinewton metre
D85	microwatt per square metre
D86	millicoulomb
D87	millimole per kilogram
D88	millicoulomb per cubic metre
D89	millicoulomb per square metre
D9	dyne per square centimetre
D91	rem
D93	second per cubic metre
D94	second per cubic metre radian
D95	joule per gram
DAA	decare
DAD	ten day A unit of time defining the number of days in multiples of 10.
DAY	day
DB	dry pound A unit of mass defining the number of pounds of a product, disregarding the water content of the product.
DD	degree [unit of angle]
DEC	decade A unit of count defining the number of decades (decade: quantity equal to 10 or time equal to 10 years).
DG	decigram
DJ	decagram
DLT	decilitre

Used Codes

DMA	cubic decametre
DMK	square decimetre
DMO	standard kilolitre A unit of volume defining the number of kilolitres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils.
DMQ	cubic decimetre
DMT	decimetre
DN	decinewton metre
DPC	dozen piece A unit of count defining the number of pieces in multiples of 12 (piece: a single item, article or exemplar).
DPR	dozen pair A unit of count defining the number of pairs in multiples of 12 (pair: item described by two's).
DPT	displacement tonnage A unit of mass defining the volume of sea water a ship displaces, expressed as the number of tons.
DRA	dram (US) Synonym: drachm (UK), troy dram
DRI	dram (UK) Synonym: avoirdupois dram
DRL	dozen roll A unit of count defining the number of rolls, expressed in twelve roll units.
DT	dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product.
DTN	decitonne Synonym: centner, metric 100 kg, quintal, metric 100 kg
DU	dyne
DWT	pennyweight
DX	dyne per centimetre
DZN	dozen A unit of count defining the number of units in multiples of 12.
DZP	dozen pack A unit of count defining the number of packs in multiples of 12 (pack: standard packaging unit).
E01	newton per square centimetre A measure of pressure expressed in newtons per square centimetre.

Used Codes

E07	megawatt hour per hour A unit of accumulated energy of a million watts over a period of one hour.
E08	megawatt per hertz A unit of energy expressed as the load change in million watts that will cause a frequency shift of one hertz.
E09	milliampere hour A unit of power load delivered at the rate of one thousandth of an ampere over a period of one hour.
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.
E11	gigacalorie A unit of heat energy equal to one thousand million calories.
E12	mille A unit of count defining the number of cigarettes in units of 1000.
E14	kilocalorie (international table) A unit of heat energy equal to one thousand calories.
E15	kilocalorie (thermochemical) per hour A unit of energy equal to one thousand calories per hour.
E16	million Btu(IT) per hour A unit of power equal to one million British thermal units per hour.
E17	cubic foot per second A unit of volume equal to one cubic foot passing a given point in a period of one second.
E18	tonne per hour A unit of weight or mass equal to one tonne per hour.
E19	ping A unit of area equal to 3.3 square metres.
E20	megabit per second A unit of information equal to 10 to the power of 6 (1000000) bits (binary digits) per second.
E21	shares A unit of count defining the number of shares (share: a total or portion of the parts into which a business entity’s capital is divided).
E22	TEU A unit of count defining the number of twenty-foot equivalent units (TEUs) as a measure of containerized cargo capacity.

Used Codes

E23	tyre A unit of count defining the number of tyres (a solid or air-filled covering placed around a wheel rim to form a soft contact with the road, absorb shock and provide traction).
E25	active unit A unit of count defining the number of active units within a substance.
E27	dose A unit of count defining the number of doses (dose: a definite quantity of a medicine or drug).
E28	air dry ton A unit of mass defining the number of tons of a product, disregarding the water content of the product.
E30	strand A unit of count defining the number of strands (strand: long, thin, flexible, single thread, strip of fibre, constituent filament or multiples of the same, twisted together).
E31	square metre per litre A unit of count defining the number of square metres per litre.
E32	litre per hour A unit of count defining the number of litres per hour.
E33	foot per thousand A unit of count defining the number of feet per thousand units.
E34	gigabyte A unit of information equal to 10 to the power of 9 bytes.
E35	terabyte A unit of information equal to 10 to the power of 12 bytes.
E36	petabyte A unit of information equal to 10 to the power of 15 bytes.
E37	pixel A unit of count defining the number of pixels (pixel: picture element).
E38	megapixel A unit of count equal to 10 to the power of 6 (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 a graphic image.
E4	gross kilogram A unit of mass defining the total number of kilograms before deductions.

Used Codes

E40	part per hundred thousand A unit of proportion equal to 10 to the power of -5.
E41	kilogram-force per square millimetre A unit of pressure defining the number of kilograms force per square millimetre.
E42	kilogram-force per square centimetre A unit of pressure defining the number of kilograms force per square centimetre.
E43	joule per square centimetre A unit of energy defining the number of joules per square centimetre.
E44	kilogram-force metre per square centimetre A unit of torsion defining the torque kilogram-force metre per square centimetre.
E45	milliohm
E46	kilowatt hour per cubic metre A unit of energy consumption expressed as kilowatt hour per cubic metre.
E47	kilowatt hour per kelvin A unit of energy consumption expressed as kilowatt hour per kelvin.
E48	service unit A unit of count defining the number of service units (service unit: defined period / property / facility / utility of supply).
E49	working day A unit of count defining the number of working days (working day: a day on which work is ordinarily performed).
E50	accounting unit A unit of count defining the number of accounting units.
E51	job A unit of count defining the number of jobs.
E52	run foot A unit of count defining the number feet per run.
E53	test A unit of count defining the number of tests.
E54	trip A unit of count defining the number of trips.
E55	use A unit of count defining the number of times an object is used.
E56	well A unit of count defining the number of wells.

Used Codes

E57	zone A unit of count defining the number of zones.
E58	exabit per second A unit of information equal to 10 to the power of 18 bits (binary digits) per second.
E59	exbibyte A unit of information equal to 2 to the power of 60 bytes.
E60	pebibyte A unit of information equal to 2 to the power of 50 bytes.
E61	tebibyte A unit of information equal to 2 to the power of 40 bytes.
E62	gibibyte A unit of information equal to 2 to the power of 30 bytes.
E63	mebibyte A unit of information equal to 2 to the power of 20 bytes.
E64	kibibyte A unit of information equal to 2 to the power of 10 bytes.
E65	exbibit per metre A unit of information equal to 2 to the power of 60 bits (binary digits) per metre.
E66	exbibit per square metre A unit of information equal to 2 to the power of 60 bits (binary digits) per square metre.
E67	exbibit per cubic metre A unit of information equal to 2 to the power of 60 bits (binary digits) per cubic metre.
E68	gigabyte per second A unit of information equal to 10 to the power of 9 bytes per second.
E69	gibibit per metre A unit of information equal to 2 to the power of 30 bits (binary digits) per metre.
E70	gibibit per square metre A unit of information equal to 2 to the power of 30 bits (binary digits) per square metre.
E71	gibibit per cubic metre A unit of information equal to 2 to the power of 30 bits (binary digits) per cubic metre.

Used Codes

E72	kibibit per metre A unit of information equal to 2 to the power of 10 bits (binary digits) per metre.
E73	kibibit per square metre A unit of information equal to 2 to the power of 10 bits (binary digits) per square metre.
E74	kibibit per cubic metre A unit of information equal to 2 to the power of 10 bits (binary digits) per cubic metre.
E75	mebibit per metre A unit of information equal to 2 to the power of 20 bits (binary digits) per metre.
E76	mebibit per square metre A unit of information equal to 2 to the power of 20 bits (binary digits) per square metre.
E77	mebibit per cubic metre A unit of information equal to 2 to the power of 20 bits (binary digits) per cubic metre.
E78	petabit A unit of information equal to 10 to the power of 15 bits (binary digits).
E79	petabit per second A unit of information equal to 10 to the power of 15 bits (binary digits) per second.
E80	pebibit per metre A unit of information equal to 2 to the power of 50 bits (binary digits) per metre.
E81	pebibit per square metre A unit of information equal to 2 to the power of 50 bits (binary digits) per square metre.
E82	pebibit per cubic metre A unit of information equal to 2 to the power of 50 bits (binary digits) per cubic metre.
E83	terabit A unit of information equal to 10 to the power of 12 bits (binary digits).
E84	terabit per second A unit of information equal to 10 to the power of 12 bits (binary digits) per second.
E85	tebibit per metre A unit of information equal to 2 to the power of 40 bits (binary digits) per metre.

Used Codes

E86	tebibit per cubic metre A unit of information equal to 2 to the power of 40 bits (binary digits) per cubic metre.
E87	tebibit per square metre A unit of information equal to 2 to the power of 40 bits (binary digits) per square metre.
E88	bit per metre A unit of information equal to 1 bit (binary digit) per metre.
E89	bit per square metre A unit of information equal to 1 bit (binary digit) per square metre.
E90	reciprocal centimetre
E91	reciprocal day
E92	cubic decimetre per hour
E93	kilogram per hour
E94	kilomole per second
E95	mole per second
E96	degree per second
E97	millimetre per degree Celcius metre
E98	degree Celsius per kelvin
E99	hectopascal per bar
EA	each A unit of count defining the number of items regarded as separate units.
EB	electronic mail box A unit of count defining the number of electronic mail boxes.
EQ	equivalent gallon A unit of volume defining the number of gallons of product produced from concentrate.
F01	bit per cubic metre A unit of information equal to 1 bit (binary digit) per cubic metre.
F02	kelvin per kelvin
F03	kilopascal per bar
F04	millibar per bar
F05	megapascal per bar
F06	poise per bar
F07	pascal per bar
F08	milliampere per inch

Used Codes

F10	kelvin per hour
F11	kelvin per minute
F12	kelvin per second
F13	slug A unit of mass. One slug is the mass accelerated at 1 foot per second per second by a force of 1 pound.
F14	gram per kelvin
F15	kilogram per kelvin
F16	milligram per kelvin
F17	pound-force per foot
F18	kilogram square centimetre
F19	kilogram square millimetre
F20	pound inch squared
F21	pound-force inch
F22	pound-force foot per ampere
F23	gram per cubic decimetre
F24	kilogram per kilomol
F25	gram per hertz
F26	gram per day
F27	gram per hour
F28	gram per minute
F29	gram per second
F30	kilogram per day
F31	kilogram per minute
F32	milligram per day
F33	milligram per minute
F34	milligram per second
F35	gram per day kelvin
F36	gram per hour kelvin
F37	gram per minute kelvin
F38	gram per second kelvin
F39	kilogram per day kelvin
F40	kilogram per hour kelvin
F41	kilogram per minute kelvin

Used Codes

F42	kilogram per second kelvin
F43	milligram per day kelvin
F44	milligram per hour kelvin
F45	milligram per minute kelvin
F46	milligram per second kelvin
F47	newton per millimetre
F48	pound-force per inch
F49	rod [unit of distance] A unit of distance equal to 5.5 yards (16 feet 6 inches).
F50	micrometre per kelvin
F51	centimetre per kelvin
F52	metre per kelvin
F53	millimetre per kelvin
F54	milliohm per metre
F55	ohm per mile (statute mile)
F56	ohm per kilometre
F57	milliampere per pound-force per square inch
F58	reciprocal bar
F59	milliampere per bar
F60	degree Celsius per bar
F61	kelvin per bar
F62	gram per day bar
F63	gram per hour bar
F64	gram per minute bar
F65	gram per second bar
F66	kilogram per day bar
F67	kilogram per hour bar
F68	kilogram per minute bar
F69	kilogram per second bar
F70	milligram per day bar
F71	milligram per hour bar
F72	milligram per minute bar
F73	milligram per second bar

Used Codes

F74	gram per bar
F75	milligram per bar
F76	milliampere per millimetre
F77	pascal second per kelvin
F78	inch of water
F79	inch of mercury
F80	water horse power A unit of power defining the amount of power required to move a given volume of water against acceleration of gravity to a specified elevation (pressure head).
F81	bar per kelvin
F82	hectopascal per kelvin
F83	kilopascal per kelvin
F84	millibar per kelvin
F85	megapascal per kelvin
F86	poise per kelvin
F87	volt per litre minute
F88	newton centimetre
F89	newton metre per degree
F90	newton metre per ampere
F91	bar litre per second
F92	bar cubic metre per second
F93	hectopascal litre per second
F94	hectopascal cubic metre per second
F95	millibar litre per second
F96	millibar cubic metre per second
F97	megapascal litre per second
F98	megapascal cubic metre per second
F99	pascal litre per second
FAH	degree Fahrenheit Refer ISO 80000-5 (Quantities and units — Part 5: Thermodynamics)
FAR	farad
FBM	fibre metre A unit of length defining the number of metres of individual fibre.

Used Codes

FC	thousand cubic foot A unit of volume equal to one thousand cubic foot.
FF	hundred cubic metre A unit of volume equal to one hundred cubic metres.
FH	micromole
FIT	failures in time A unit of count defining the number of failures that can be expected over a specified time interval. Failure rates of semiconductor components are often specified as FIT (failures in time unit) where 1 FIT = 10 to the power of -9 /h.
FL	flake ton A unit of mass defining the number of tons of a flaked substance (flake: a small flattish fragment).
FOT	foot
FP	pound per square foot
FR	foot per minute
FS	foot per second
FTK	square foot
FTQ	cubic foot
G01	pascal cubic metre per second
G04	centimetre per bar
G05	metre per bar
G06	millimetre per bar
G08	square inch per second
G09	square metre per second kelvin
G10	stokes per kelvin
G11	gram per cubic centimetre bar
G12	gram per cubic decimetre bar
G13	gram per litre bar
G14	gram per cubic metre bar
G15	gram per millilitre bar
G16	kilogram per cubic centimetre bar
G17	kilogram per litre bar
G18	kilogram per cubic metre bar
G19	newton metre per kilogram
G2	US gallon per minute

Used Codes

G20	pound-force foot per pound
G21	cup [unit of volume]
G23	peck
G24	tablespoon (US)
G25	teaspoon (US)
G26	stere
G27	cubic centimetre per kelvin
G28	litre per kelvin
G29	cubic metre per kelvin
G3	Imperial gallon per minute
G30	millilitre per kelvin
G31	kilogram per cubic centimetre
G32	ounce (avoirdupois) per cubic yard
G33	gram per cubic centimetre kelvin
G34	gram per cubic decimetre kelvin
G35	gram per litre kelvin
G36	gram per cubic metre kelvin
G37	gram per millilitre kelvin
G38	kilogram per cubic centimetre kelvin
G39	kilogram per litre kelvin
G40	kilogram per cubic metre kelvin
G41	square metre per second bar
G42	microsiemens per centimetre
G43	microsiemens per metre
G44	nanosiemens per centimetre
G45	nanosiemens per metre
G46	stokes per bar
G47	cubic centimetre per day
G48	cubic centimetre per hour
G49	cubic centimetre per minute
G50	gallon (US) per hour
G51	litre per second
G52	cubic metre per day

Used Codes

G53	cubic metre per minute
G54	millilitre per day
G55	millilitre per hour
G56	cubic inch per hour
G57	cubic inch per minute
G58	cubic inch per second
G59	milliampere per litre minute
G60	volt per bar
G61	cubic centimetre per day kelvin
G62	cubic centimetre per hour kelvin
G63	cubic centimetre per minute kelvin
G64	cubic centimetre per second kelvin
G65	litre per day kelvin
G66	litre per hour kelvin
G67	litre per minute kelvin
G68	litre per second kelvin
G69	cubic metre per day kelvin
G70	cubic metre per hour kelvin
G71	cubic metre per minute kelvin
G72	cubic metre per second kelvin
G73	millilitre per day kelvin
G74	millilitre per hour kelvin
G75	millilitre per minute kelvin
G76	millilitre per second kelvin
G77	millimetre to the fourth power
G78	cubic centimetre per day bar
G79	cubic centimetre per hour bar
G80	cubic centimetre per minute bar
G81	cubic centimetre per second bar
G82	litre per day bar
G83	litre per hour bar
G84	litre per minute bar
G85	litre per second bar

Used Codes

G86	cubic metre per day bar
G87	cubic metre per hour bar
G88	cubic metre per minute bar
G89	cubic metre per second bar
G90	millilitre per day bar
G91	millilitre per hour bar
G92	millilitre per minute bar
G93	millilitre per second bar
G94	cubic centimetre per bar
G95	litre per bar
G96	cubic metre per bar
G97	millilitre per bar
G98	microhenry per kiloohm
G99	microhenry per ohm
GB	gallon (US) per day
GBQ	gigabecquerel
GDW	gram, dry weight A unit of mass defining the number of grams of a product, disregarding the water content of the product.
GE	pound per gallon (US)
GF	gram per metre (gram per 100 centimetres)
GFI	gram of fissile isotope A unit of mass defining the number of grams of a fissile isotope (fissile isotope: an isotope whose nucleus is able to be split when irradiated with low energy neutrons).
GGR	great gross A unit of count defining the number of units in multiples of 1728 (12 x 12 x 12).
GIA	gill (US)
GIC	gram, including container A unit of mass defining the number of grams of a product, including its container.
GII	gill (UK)
GIP	gram, including inner packaging A unit of mass defining the number of grams of a product, including its inner packaging materials.

Used Codes

GJ	gram per millilitre
GL	gram per litre
GLD	dry gallon (US)
GLI	gallon (UK)
GLL	gallon (US)
GM	gram per square metre
GO	milligram per square metre
GP	milligram per cubic metre
GQ	microgram per cubic metre
GRM	gram
GRN	grain
GRO	gross A unit of count defining the number of units in multiples of 144 (12 x 12).
GRT	gross register ton A unit of mass equal to the total cubic footage before deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of ships.
GT	gross ton A unit of mass equal to 2240 pounds. Refer International Convention on Tonnage measurement of Ships. Synonym: ton (UK) or long ton (US) (common code LTN)
GV	gigajoule
GWH	gigawatt hour
H03	henry per kiloohm
H04	henry per ohm
H05	millihenry per kiloohm
H06	millihenry per ohm
H07	pascal second per bar
H08	microbecquerel
H09	reciprocal year
H10	reciprocal hour
H11	reciprocal month
H12	degree Celsius per hour
H13	degree Celsius per minute
H14	degree Celsius per second

Used Codes

H15	square centimetre per gram
H16	square decametre Synonym: are
H18	square hectometre Synonym: hectare
H19	cubic hectometre
H20	cubic kilometre
H21	blank A unit of count defining the number of blanks.
H22	volt square inch per pound-force
H23	volt per inch
H24	volt per microsecond
H25	percent per kelvin A unit of proportion, equal to 0.01, in relation to the SI base unit Kelvin.
H26	ohm per metre
H27	degree per metre
H28	microfarad per kilometre
H29	microgram per litre
H30	square micrometre (square micron)
H31	ampere per kilogram
H32	ampere squared second
H33	farad per kilometre
H34	hertz metre
H35	kelvin metre per watt
H36	megaohm per kilometre
H37	megaohm per metre
H38	megaampere
H39	megahertz kilometre
H40	newton per ampere
H41	newton metre watt to the power minus 0,5
H42	pascal per metre
H43	siemens per centimetre
H44	teraohm
H45	volt second per metre

Used Codes

H46	volt per second
H47	watt per cubic metre
H48	attofarad
H49	centimetre per hour
H50	reciprocal cubic centimetre
H51	decibel per kilometre
H52	decibel per metre
H53	kilogram per bar
H54	kilogram per cubic decimetre kelvin
H55	kilogram per cubic decimetre bar
H56	kilogram per square metre second
H57	inch per two pi radiant
H58	metre per volt second
H59	square metre per newton
H60	cubic metre per cubic metre
H61	millisiemens per centimetre
H62	millivolt per minute
H63	milligram per square centimetre
H64	milligram per gram
H65	millilitre per cubic metre
H66	millimetre per year
H67	millimetre per hour
H68	millimole per gram
H69	picopascal per kilometre
H70	picosecond
H71	percent per month A unit of proportion, equal to 0.01, in relation to a month.
H72	percent per hectobar A unit of proportion, equal to 0.01, in relation to 100-fold of the unit bar.
H73	percent per decakelvin A unit of proportion, equal to 0.01, in relation to 10-fold of the SI base unit Kelvin.
H74	watt per metre
H75	decapascal

Used Codes

H76	gram per millimetre
H77	module width A unit of measure used to describe the breadth of electronic assemblies as an installation standard or mounting dimension.
H78	conventional centimetre of water
H79	Charrière A unit of distance used for measuring the diameter of small tubes such as urological instruments and catheters. Synonym: French, French gauge, Charrière gauge
H80	rack unit A unit of measure used to describe the height in rack units of equipment intended for mounting in a 19-inch rack or a 23-inch rack. One rack unit is 1. 75 inches (44.45 mm) high.
H81	millimetre per minute
H82	big point A unit of length defining the number of big points (big point: Adobe software(US) defines the big point to be exactly 1/72 inch (0.013 888 9 inch or 0.352 777 8 millimeters))
H83	litre per kilogram
H84	gram millimetre
H85	reciprocal week
H87	piece A unit of count defining the number of pieces (piece: a single item, article or exemplar).
H88	megaohm kilometre
H89	percent per ohm A unit of proportion, equal to 0.01, in relation to the SI derived unit ohm.
H90	percent per degree A unit of proportion, equal to 0.01, in relation to an angle of one degree.
H91	percent per ten thousand A unit of proportion, equal to 0.01, in relation to multiples of ten thousand.
H92	percent per one hundred thousand A unit of proportion, equal to 0.01, in relation to multiples of one hundred thousand.
H93	percent per hundred A unit of proportion, equal to 0.01, in relation to multiples of one hundred.
H94	percent per thousand A unit of proportion, equal to 0.01, in relation to multiples of one thousand.

Used Codes

H95	percent per volt A unit of proportion, equal to 0.01, in relation to the SI derived unit volt.
H96	percent per bar A unit of proportion, equal to 0.01, in relation to an atmospheric pressure of one bar.
H98	percent per inch A unit of proportion, equal to 0.01, in relation to an inch.
H99	percent per metre A unit of proportion, equal to 0.01, in relation to a metre.
HA	hank A unit of length, typically for yarn.
HAR	hectare Synonym: square hectometre
HBA	hectobar
HBX	hundred boxes A unit of count defining the number of boxes in multiples of one hundred box units.
HC	hundred count A unit of count defining the number of units counted in multiples of 100.
HDW	hundred kilogram, dry weight A unit of mass defining the number of hundred kilograms of a product, disregarding the water content of the product.
HEA	head A unit of count defining the number of heads (head: a person or animal considered as one of a number).
HGM	hectogram
HH	hundred cubic foot A unit of volume equal to one hundred cubic foot.
HIU	hundred international unit A unit of count defining the number of international units in multiples of 100.
HJ	metric horse power
HKM	hundred kilogram, net mass A unit of mass defining the number of hundred kilograms of a product, after deductions.
HLT	hectolitre
HM	mile per hour (statute mile)
HMQ	million cubic metre A unit of volume equal to one million cubic metres.

Used Codes

HMT	hectometre
HN	conventional millimetre of mercury
HP	conventional millimetre of water
HPA	hectolitre of pure alcohol A unit of volume equal to one hundred litres of pure alcohol.
HTZ	hertz
HUR	hour
IA	inch pound (pound inch)
IE	person A unit of count defining the number of persons.
INH	inch
INK	square inch
INQ	cubic inch Synonym: inch cubed
ISD	international sugar degree A unit of measure defining the sugar content of a solution, expressed in degrees.
IU	inch per second
IV	inch per second squared
J10	percent per millimetre A unit of proportion, equal to 0.01, in relation to a millimetre.
J12	per mille per psi A unit of pressure equal to one thousandth of a psi (pound-force per square inch).
J13	degree API A unit of relative density as a measure of how heavy or light a petroleum liquid is compared to water (API: American Petroleum Institute).
J14	degree Baume (origin scale) A traditional unit of relative density for liquids. Named after Antoine Baumé.
J15	degree Baume (US heavy) A unit of relative density for liquids heavier than water.
J16	degree Baume (US light) A unit of relative density for liquids lighter than water.
J17	degree Balling A unit of density as a measure of sugar content, especially of beer wort. Named after Karl Balling.

Used Codes

J18	degree Brix A unit of proportion used in measuring the dissolved sugar-to-water mass ratio of a liquid. Named after Adolf Brix.
J19	degree Fahrenheit hour square foot per British thermal unit (thermochemical)
J2	joule per kilogram
J20	degree Fahrenheit per kelvin
J21	degree Fahrenheit per bar
J22	degree Fahrenheit hour square foot per British thermal unit (international table)
J23	degree Fahrenheit per hour
J24	degree Fahrenheit per minute
J25	degree Fahrenheit per second
J26	reciprocal degree Fahrenheit
J27	degree Oechsle A unit of density as a measure of sugar content of must, the unfermented liqueur from which wine is made. Named after Ferdinand Oechsle.
J28	degree Rankine per hour
J29	degree Rankine per minute
J30	degree Rankine per second
J31	degree Twaddell A unit of density for liquids that are heavier than water. 1 degree Twaddle represents a difference in specific gravity of 0.005.
J32	micropoise
J33	microgram per kilogram
J34	microgram per cubic metre kelvin
J35	microgram per cubic metre bar
J36	microlitre per litre
J38	baud A unit of signal transmission speed equal to one signalling event per second.
J39	British thermal unit (mean)
J40	British thermal unit (international table) foot per hour square foot degree Fahrenheit
J41	British thermal unit (international table) inch per hour square foot degree Fahrenheit
J42	British thermal unit (international table) inch per second square foot degree Fahrenheit
J43	British thermal unit (international table) per pound degree Fahrenheit

Used Codes

J44	British thermal unit (international table) per minute
J45	British thermal unit (international table) per second
J46	British thermal unit (thermochemical) foot per hour square foot degree Fahrenheit
J47	British thermal unit (thermochemical) per hour
J48	British thermal unit (thermochemical) inch per hour square foot degree Fahrenheit
J49	British thermal unit (thermochemical) inch per second square foot degree Fahrenheit
J50	British thermal unit (thermochemical) per pound degree Fahrenheit
J51	British thermal unit (thermochemical) per minute
J52	British thermal unit (thermochemical) per second
J53	coulomb square metre per kilogram
J54	megabaud A unit of signal transmission speed equal to 10 to the power of 6 (1000000) signaling events per second.
J55	watt second
J56	bar per bar
J57	barrel (UK petroleum)
J58	barrel (UK petroleum) per minute
J59	barrel (UK petroleum) per day
J60	barrel (UK petroleum) per hour
J61	barrel (UK petroleum) per second
J62	barrel (US petroleum) per hour
J63	barrel (US petroleum) per second
J64	bushel (UK) per day
J65	bushel (UK) per hour
J66	bushel (UK) per minute
J67	bushel (UK) per second
J68	bushel (US dry) per day
J69	bushel (US dry) per hour
J70	bushel (US dry) per minute
J71	bushel (US dry) per second
J72	centinewton metre
J73	centipoise per kelvin

Used Codes

J74	centipoise per bar
J75	calorie (mean)
J76	calorie (international table) per gram degree Celsius
J78	calorie (thermochemical) per centimetre second degree Celsius
J79	calorie (thermochemical) per gram degree Celsius
J81	calorie (thermochemical) per minute
J82	calorie (thermochemical) per second
J83	clo
J84	centimetre per second kelvin
J85	centimetre per second bar
J87	cubic centimetre per cubic metre
J89	centimetre of mercury
J90	cubic decimetre per day
J91	cubic decimetre per cubic metre
J92	cubic decimetre per minute
J93	cubic decimetre per second
J94	dyne centimetre
J95	ounce (UK fluid) per day
J96	ounce (UK fluid) per hour
J97	ounce (UK fluid) per minute
J98	ounce (UK fluid) per second
J99	ounce (US fluid) per day
JE	joule per kelvin
JK	megajoule per kilogram
JM	megajoule per cubic metre
JNT	pipeline joint A count of the number of pipeline joints.
JOU	joule
JPS	hundred metre A unit of count defining the number of 100 metre lengths.
JWL	number of jewels A unit of count defining the number of jewels (jewel: precious stone).

Used Codes

K1	kilowatt demand A unit of measure defining the power load measured at predetermined intervals.
K10	ounce (US fluid) per hour
K11	ounce (US fluid) per minute
K12	ounce (US fluid) per second
K13	foot per degree Fahrenheit
K14	foot per hour
K15	foot pound-force per hour
K16	foot pound-force per minute
K17	foot per psi
K18	foot per second degree Fahrenheit
K19	foot per second psi
K2	kilovolt ampere reactive demand A unit of measure defining the reactive power demand equal to one kilovolt ampere of reactive power.
K20	reciprocal cubic foot
K21	cubic foot per degree Fahrenheit
K22	cubic foot per day
K23	cubic foot per psi
K24	foot of water
K25	foot of mercury
K26	gallon (UK) per day
K27	gallon (UK) per hour
K28	gallon (UK) per second
K3	kilovolt ampere reactive hour A unit of measure defining the accumulated reactive energy equal to one kilovolt ampere of reactive power per hour.
K30	gallon (US liquid) per second
K31	gram-force per square centimetre
K32	gill (UK) per day
K33	gill (UK) per hour
K34	gill (UK) per minute
K35	gill (UK) per second
K36	gill (US) per day

Used Codes

K37	gill (US) per hour
K38	gill (US) per minute
K39	gill (US) per second
K40	standard acceleration of free fall
K41	grain per gallon (US)
K42	horsepower (boiler)
K43	horsepower (electric)
K45	inch per degree Fahrenheit
K46	inch per psi
K47	inch per second degree Fahrenheit
K48	inch per second psi
K49	reciprocal cubic inch
K5	kilovolt ampere (reactive) Use kilovar (common code KVR)
K50	kilobaud A unit of signal transmission speed equal to 10 to the power of 3 (1000) signaling events per second.
K51	kilocalorie (mean)
K52	kilocalorie (international table) per hour metre degree Celsius
K53	kilocalorie (thermochemical)
K54	kilocalorie (thermochemical) per minute
K55	kilocalorie (thermochemical) per second
K58	kilomole per hour
K59	kilomole per cubic metre kelvin
K6	kilolitre
K60	kilomole per cubic metre bar
K61	kilomole per minute
K62	litre per litre
K63	reciprocal litre
K64	pound (avoirdupois) per degree Fahrenheit
K65	pound (avoirdupois) square foot
K66	pound (avoirdupois) per day
K67	pound per foot hour
K68	pound per foot second

Used Codes

K69	pound (avoirdupois) per cubic foot degree Fahrenheit
K70	pound (avoirdupois) per cubic foot psi
K71	pound (avoirdupois) per gallon (UK)
K73	pound (avoirdupois) per hour degree Fahrenheit
K74	pound (avoirdupois) per hour psi
K75	pound (avoirdupois) per cubic inch degree Fahrenheit
K76	pound (avoirdupois) per cubic inch psi
K77	pound (avoirdupois) per psi
K78	pound (avoirdupois) per minute
K79	pound (avoirdupois) per minute degree Fahrenheit
K80	pound (avoirdupois) per minute psi
K81	pound (avoirdupois) per second
K82	pound (avoirdupois) per second degree Fahrenheit
K83	pound (avoirdupois) per second psi
K84	pound per cubic yard
K85	pound-force per square foot
K86	pound-force per square inch degree Fahrenheit
K87	psi cubic inch per second
K88	psi litre per second
K89	psi cubic metre per second
K90	psi cubic yard per second
K91	pound-force second per square foot
K92	pound-force second per square inch
K93	reciprocal psi
K94	quart (UK liquid) per day
K95	quart (UK liquid) per hour
K96	quart (UK liquid) per minute
K97	quart (UK liquid) per second
K98	quart (US liquid) per day
K99	quart (US liquid) per hour
KA	cake A unit of count defining the number of cakes (cake: object shaped into a flat, compact mass).

Used Codes

KAT	katal A unit of catalytic activity defining the catalytic activity of enzymes and other catalysts.
KB	kilocharacter A unit of information equal to 10 to the power of 3 (1000) characters.
KBA	kilobar
KCC	kilogram of choline chloride A unit of mass equal to one thousand grams of choline chloride.
KDW	kilogram drained net weight A unit of mass defining the net number of kilograms of a product, disregarding the liquid content of the product.
KEL	kelvin Refer ISO 80000-5 (Quantities and units — Part 5: Thermodynamics)
KGM	kilogram A unit of mass equal to one thousand grams.
KGS	kilogram per second
KHY	kilogram of hydrogen peroxide A unit of mass equal to one thousand grams of hydrogen peroxide.
KHZ	kilohertz
KI	kilogram per millimetre width
KIC	kilogram, including container A unit of mass defining the number of kilograms of a product, including its container.
KIP	kilogram, including inner packaging A unit of mass defining the number of kilograms of a product, including its inner packaging materials.
KJ	kilosegment A unit of information equal to 10 to the power of 3 (1000) segments.
KJO	kilojoule
KL	kilogram per metre
KLK	lactic dry material percentage A unit of proportion defining the percentage of dry lactic material in a product.
KLX	kilolux A unit of illuminance equal to one thousand lux.
KMA	kilogram of methylamine A unit of mass equal to one thousand grams of methylamine.
KMH	kilometre per hour

Used Codes

KMK	square kilometre
KMQ	kilogram per cubic metre A unit of weight expressed in kilograms of a substance that fills a volume of one cubic metre.
KMT	kilometre
KNI	kilogram of nitrogen A unit of mass equal to one thousand grams of nitrogen.
KNM	kilonewton per square metre Pressure expressed in kN/m2.
KNS	kilogram named substance A unit of mass equal to one kilogram of a named substance.
KNT	knot
KO	milliequivalence caustic potash per gram of product A unit of count defining the number of milligrams of potassium hydroxide per gram of product as a measure of the concentration of potassium hydroxide in the product.
KPA	kilopascal
KPH	kilogram of potassium hydroxide (caustic potash) A unit of mass equal to one thousand grams of potassium hydroxide (caustic potash).
KPO	kilogram of potassium oxide A unit of mass equal to one thousand grams of potassium oxide.
KPP	kilogram of phosphorus pentoxide (phosphoric anhydride) A unit of mass equal to one thousand grams of phosphorus pentoxide phosphoric anhydride.
KR	kiloroentgen
KSD	kilogram of substance 90 % dry A unit of mass equal to one thousand grams of a named substance that is 90% dry.
KSH	kilogram of sodium hydroxide (caustic soda) A unit of mass equal to one thousand grams of sodium hydroxide (caustic soda).
KT	kit A unit of count defining the number of kits (kit: tub, barrel or pail).
KTN	kilotonne
KUR	kilogram of uranium A unit of mass equal to one thousand grams of uranium.
KVA	kilovolt - ampere

Used Codes

KVR	kilovar
KVT	kilovolt
KW	kilogram per millimetre
KWH	kilowatt hour
KWN	Kilowatt hour per normalized cubic metre Kilowatt hour per normalized cubic metre (temperature 0°C and pressure 101325 millibars).
KWO	kilogram of tungsten trioxide A unit of mass equal to one thousand grams of tungsten trioxide.
KWS	Kilowatt hour per standard cubic metre Kilowatt hour per standard cubic metre (temperature 15°C and pressure 101325 millibars).
KWT	kilowatt
KX	millilitre per kilogram
L10	quart (US liquid) per minute
L11	quart (US liquid) per second
L12	metre per second kelvin
L13	metre per second bar
L14	square metre hour degree Celsius per kilocalorie (international table)
L15	millipascal second per kelvin
L16	millipascal second per bar
L17	milligram per cubic metre kelvin
L18	milligram per cubic metre bar
L19	millilitre per litre
L2	litre per minute
L20	reciprocal cubic millimetre
L21	cubic millimetre per cubic metre
L23	mole per hour
L24	mole per kilogram kelvin
L25	mole per kilogram bar
L26	mole per litre kelvin
L27	mole per litre bar
L28	mole per cubic metre kelvin
L29	mole per cubic metre bar
L30	mole per minute

Used Codes

L31	milliroentgen aequivalent men
L32	nanogram per kilogram
L33	ounce (avoirdupois) per day
L34	ounce (avoirdupois) per hour
L35	ounce (avoirdupois) per minute
L36	ounce (avoirdupois) per second
L37	ounce (avoirdupois) per gallon (UK)
L38	ounce (avoirdupois) per gallon (US)
L39	ounce (avoirdupois) per cubic inch
L40	ounce (avoirdupois)-force
L41	ounce (avoirdupois)-force inch
L42	picosiemens per metre
L43	peck (UK)
L44	peck (UK) per day
L45	peck (UK) per hour
L46	peck (UK) per minute
L47	peck (UK) per second
L48	peck (US dry) per day
L49	peck (US dry) per hour
L50	peck (US dry) per minute
L51	peck (US dry) per second
L52	psi per psi
L53	pint (UK) per day
L54	pint (UK) per hour
L55	pint (UK) per minute
L56	pint (UK) per second
L57	pint (US liquid) per day
L58	pint (US liquid) per hour
L59	pint (US liquid) per minute
L60	pint (US liquid) per second
L63	slug per day
L64	slug per foot second
L65	slug per cubic foot

Used Codes

L66	slug per hour
L67	slug per minute
L68	slug per second
L69	tonne per kelvin
L70	tonne per bar
L71	tonne per day
L72	tonne per day kelvin
L73	tonne per day bar
L74	tonne per hour kelvin
L75	tonne per hour bar
L76	tonne per cubic metre kelvin
L77	tonne per cubic metre bar
L78	tonne per minute
L79	tonne per minute kelvin
L80	tonne per minute bar
L81	tonne per second
L82	tonne per second kelvin
L83	tonne per second bar
L84	ton (UK shipping)
L85	ton long per day
L86	ton (US shipping)
L87	ton short per degree Fahrenheit
L88	ton short per day
L89	ton short per hour degree Fahrenheit
L90	ton short per hour psi
L91	ton short per psi
L92	ton (UK long) per cubic yard
L93	ton (US short) per cubic yard
L94	ton-force (US short)
L95	common year
L96	sidereal year
L98	yard per degree Fahrenheit
L99	yard per psi

Used Codes

LA	pound per cubic inch
LAC	lactose excess percentage A unit of proportion defining the percentage of lactose in a product that exceeds a defined percentage level.
LBR	pound
LBT	troy pound (US)
LD	litre per day
LEF	leaf A unit of count defining the number of leaves.
LF	linear foot A unit of count defining the number of feet (12-inch) in length of a uniform width object.
LH	labour hour A unit of time defining the number of labour hours.
LK	link A unit of distance equal to 0.01 chain.
LM	linear metre A unit of count defining the number of metres in length of a uniform width object.
LN	length A unit of distance defining the linear extent of an item measured from end to end.
LO	lot [unit of procurement] A unit of count defining the number of lots (lot: a collection of associated items).
LP	liquid pound A unit of mass defining the number of pounds of a liquid substance.
LPA	litre of pure alcohol A unit of volume equal to one litre of pure alcohol.
LR	layer A unit of count defining the number of layers.
LS	lump sum A unit of count defining the number of whole or a complete monetary amounts.
LTN	ton (UK) or long ton (US) Synonym: gross ton (2240 lb)
LTR	litre
LUB	metric ton, lubricating oil A unit of mass defining the number of metric tons of lubricating oil.

Used Codes

LUM	lumen
LUX	lux
LY	linear yard A unit of count defining the number of 36-inch units in length of a uniform width object.
M1	milligram per litre
M10	reciprocal cubic yard
M11	cubic yard per degree Fahrenheit
M12	cubic yard per day
M13	cubic yard per hour
M14	cubic yard per psi
M15	cubic yard per minute
M16	cubic yard per second
M17	kilohertz metre
M18	gigahertz metre
M19	Beaufort An empirical measure for describing wind speed based mainly on observed sea conditions. The Beaufort scale indicates the wind speed by numbers that typically range from 0 for calm, to 12 for hurricane.
M20	reciprocal megakelvin or megakelvin to the power minus one
M21	reciprocal kilovolt - ampere reciprocal hour
M22	millilitre per square centimetre minute
M23	newton per centimetre
M24	ohm kilometre
M25	percent per degree Celsius A unit of proportion, equal to 0.01, in relation to a temperature of one degree.
M26	gigaohm per metre
M27	megahertz metre
M29	kilogram per kilogram
M30	reciprocal volt - ampere reciprocal second
M31	kilogram per kilometre
M32	pascal second per litre
M33	millimole per litre
M34	newton metre per square metre
M35	millivolt - ampere

Used Codes

M36	30-day month A unit of count defining the number of months expressed in multiples of 30 days, one day equals 24 hours.
M37	actual/360 A unit of count defining the number of years expressed in multiples of 360 days, one day equals 24 hours.
M38	kilometre per second squared 1000-fold of the SI base unit metre divided by the power of the SI base unit second by exponent 2.
M39	centimetre per second squared 0,01-fold of the SI base unit metre divided by the power of the SI base unit second by exponent 2.
M4	monetary value A unit of measure expressed as a monetary amount.
M40	yard per second squared Unit of the length according to the Anglo-American and Imperial system of units divided by the power of the SI base unit second by exponent 2.
M41	millimetre per second squared 0,001-fold of the SI base unit metre divided by the power of the SI base unit second by exponent 2.
M42	mile (statute mile) per second squared Unit of the length according to the Imperial system of units divided by the power of the SI base unit second by exponent 2.
M43	mil Unit to indicate an angle at military zone, equal to the 6400th part of the full circle of the 360° or 2·p·rad.
M44	revolution Unit to identify an angle of the full circle of 360° or 2·p·rad (Refer ISO/TC12 SI Guide).
M45	degree [unit of angle] per second squared 360 part of a full circle divided by the power of the SI base unit second and the exponent 2.
M46	revolution per minute Unit of the angular velocity.
M47	circular mil Unit of an area, of which the size is given by a diameter of length of 1 mm (0, 001 in) based on the formula: area = p·(diameter/2)².
M48	square mile (based on U.S. survey foot) Unit of the area, which is mainly common in the agriculture and forestry.

Used Codes

M49	chain (based on U.S. survey foot) Unit of the length according the Anglo-American system of units.
M5	microcurie
M50	furlong Unit commonly used in Great Britain at rural distances: 1 furlong = 40 rods = 10 chains (UK) = 1/8 mile = 1/10 furlong = 220 yards = 660 foot.
M51	foot (U.S. survey) Unit commonly used in the United States for ordnance survey.
M52	mile (based on U.S. survey foot) Unit commonly used in the United States for ordnance survey.
M53	metre per pascal SI base unit metre divided by the derived SI unit pascal.
M55	metre per radiant Unit of the translation factor for implementation from rotation to linear movement.
M56	shake Unit for a very short period.
M57	mile per minute Unit of velocity from the Imperial system of units.
M58	mile per second Unit of the velocity from the Imperial system of units.
M59	metre per second pascal SI base unit meter divided by the product of SI base unit second and the derived SI unit pascal.
M60	metre per hour SI base unit metre divided by the unit hour.
M61	inch per year Unit of the length according to the Anglo-American and Imperial system of units divided by the unit common year with 365 days.
M62	kilometre per second 1000-fold of the SI base unit metre divided by the SI base unit second.
M63	inch per minute Unit inch according to the Anglo-American and Imperial system of units divided by the unit minute.
M64	yard per second Unit yard according to the Anglo-American and Imperial system of units divided by the SI base unit second.

Used Codes

M65	yard per minute Unit yard according to the Anglo-American and Imperial system of units divided by the unit minute.
M66	yard per hour Unit yard according to the Anglo-American and Imperial system of units divided by the unit hour.
M67	acre-foot (based on U.S. survey foot) Unit of the volume, which is used in the United States to measure/gauge the capacity of reservoirs.
M68	cord (128 ft3) Traditional unit of the volume of stacked firewood which has been measured with a cord.
M69	cubic mile (UK statute) Unit of volume according to the Imperial system of units.
M7	micro-inch
M70	ton, register Traditional unit of the cargo capacity.
M71	cubic metre per pascal Power of the SI base unit meter by exponent 3 divided by the derived SI base unit pascal.
M72	bel Logarithmic relationship to base 10.
M73	kilogram per cubic metre pascal SI base unit kilogram divided by the product of the power of the SI base unit metre with exponent 3 and the derived SI unit pascal.
M74	kilogram per pascal SI base unit kilogram divided by the derived SI unit pascal.
M75	kilopound-force 1000-fold of the unit of the force pound-force (lbf) according to the Anglo-American system of units with the relationship.
M76	poundal Non SI-conforming unit of the power, which corresponds to a mass of a pound multiplied with the acceleration of a foot per square second.
M77	kilogram metre per second squared Product of the SI base unit kilogram and the SI base unit metre divided by the power of the SI base unit second by exponent 2.
M78	pond 0,001-fold of the unit of the weight, defined as a mass of 1 kg which finds out about a weight strength from 1 kp by the gravitational force at sea level which corresponds to a strength of 9,806 65 newton.

Used Codes

M79	square foot per hour Power of the unit foot according to the Anglo-American and Imperial system of units by exponent 2 divided by the unit of time hour.
M80	stokes per pascal CGS (Centimetre-Gram-Second system) unit stokes divided by the derived SI unit pascal.
M81	square centimetre per second 0,000 1-fold of the power of the SI base unit metre by exponent 2 divided by the SI base unit second.
M82	square metre per second pascal Power of the SI base unit metre with the exponent 2 divided by the SI base unit second and the derived SI unit pascal.
M83	denier Traditional unit for the indication of the linear mass of textile fibers and yarns.
M84	pound per yard Unit for linear mass according to avoirdupois system of units.
M85	ton, assay Non SI-conforming unit of the mass used in the mineralogy to determine the concentration of precious metals in ore according to the mass of the precious metal in milligrams in a sample of the mass of an assay sound (number of troy ounces in a short ton (1 000 lb)).
M86	pfund Outdated unit of the mass used in Germany.
M87	kilogram per second pascal SI base unit kilogram divided by the product of the SI base unit second and the derived SI unit pascal.
M88	tonne per month Unit tonne divided by the unit month.
M89	tonne per year Unit tonne divided by the unit year with 365 days.
M9	million Btu per 1000 cubic foot
M90	kilopound per hour 1000-fold of the unit of the mass avoirdupois pound according to the avoirdupois unit system divided by the unit hour.
M91	pound per pound Proportion of the mass consisting of the avoirdupois pound according to the avoirdupois unit system divided by the avoirdupois pound according to the avoirdupois unit system.

Used Codes

M92	pound-force foot Product of the unit pound-force according to the Anglo-American system of units and the unit foot according to the Anglo-American and the Imperial system of units.
M93	newton metre per radian Product of the derived SI unit newton and the SI base unit metre divided by the unit radian.
M94	kilogram metre Unit of imbalance as a product of the SI base unit kilogram and the SI base unit metre.
M95	poundal foot Product of the non SI-conforming unit of the force poundal and the unit foot according to the Anglo-American and Imperial system of units .
M96	poundal inch Product of the non SI-conforming unit of the force poundal and the unit inch according to the Anglo-American and Imperial system of units .
M97	dyne metre CGS (Centimetre-Gram-Second system) unit of the rotational moment.
M98	kilogram centimetre per second Product of the SI base unit kilogram and the 0,01-fold of the SI base unit metre divided by the SI base unit second.
M99	gram centimetre per second Product of the 0,001-fold of the SI base unit kilogram and the 0,01-fold of the SI base unit metre divided by the SI base unit second.
MAH	megavolt ampere reactive hour A unit of electrical reactive power defining the total amount of reactive power across a power system.
MAL	megalitre
MAM	megametre
MAR	megavar A unit of electrical reactive power represented by a current of one thousand amperes flowing due a potential difference of one thousand volts where the sine of the phase angle between them is 1.
MAW	megawatt A unit of power defining the rate of energy transferred or consumed when a current of 1000 amperes flows due to a potential of 1000 volts at unity power factor.
MBE	thousand standard brick equivalent A unit of count defining the number of one thousand brick equivalent units.
MBF	thousand board foot A unit of volume equal to one thousand board foot.

Used Codes

MBR	millibar
MC	microgram
MCU	millicurie
MD	air dry metric ton A unit of count defining the number of metric tons of a product, disregarding the water content of the product.
MGM	milligram
MHZ	megahertz
MIK	square mile (statute mile)
MIL	thousand
MIN	minute [unit of time]
MIO	million
MIU	million international unit A unit of count defining the number of international units in multiples of 10 to the power of 6.
MLD	milliard Synonym: billion (US)
MLT	millilitre
MMK	square millimetre
MMQ	cubic millimetre
MMT	millimetre
MND	kilogram, dry weight A unit of mass defining the number of kilograms of a product, disregarding the water content of the product.
MON	month Unit of time equal to 1/12 of a year of 365,25 days.
MPA	megapascal
MQH	cubic metre per hour
MQS	cubic metre per second
MSK	metre per second squared
MTK	square metre
MTQ	cubic metre Synonym: metre cubed
MTR	metre
MTS	metre per second

Used Codes

MVA	megavolt - ampere
MWH	megawatt hour (1000 kW.h) A unit of power defining the total amount of bulk energy transferred or consumed.
N1	pen calorie A unit of count defining the number of calories prescribed daily for parenteral/ enteral therapy.
N10	pound foot per second Product of the avoirdupois pound according to the avoirdupois unit system and the unit foot according to the Anglo-American and Imperial system of units divided by the SI base unit second.
N11	pound inch per second Product of the avoirdupois pound according to the avoirdupois unit system and the unit inch according to the Anglo-American and Imperial system of units divided by the SI base unit second.
N12	Pferdestaerke Obsolete unit of the power relating to DIN 1301-3:1979: 1 PS = 735,498 75 W.
N13	centimetre of mercury (0 ºC) Non SI-conforming unit of pressure, at which a value of 1 cmHg meets the static pressure, which is generated by a mercury at a temperature of 0 °C with a height of 1 centimetre .
N14	centimetre of water (4 ºC) Non SI-conforming unit of pressure, at which a value of 1 cmH2O meets the static pressure, which is generated by a head of water at a temperature of 4 °C with a height of 1 centimetre .
N15	foot of water (39.2 ºF) Non SI-conforming unit of pressure according to the Anglo-American and Imperial system for units, whereas the value of 1 ftH2O is equivalent to the static pressure, which is generated by a head of water at a temperature 39,2°F with a height of 1 foot .
N16	inch of mercury (32 ºF) Non SI-conforming unit of pressure according to the Anglo-American and Imperial system for units, whereas the value of 1 inHg meets the static pressure, which is generated by a mercury at a temperature of 32°F with a height of 1 inch.
N17	inch of mercury (60 ºF) Non SI-conforming unit of pressure according to the Anglo-American and Imperial system for units, whereas the value of 1 inHg meets the static pressure, which is generated by a mercury at a temperature of 60°F with a height of 1 inch.

Used Codes

N18	inch of water (39.2 ºF) Non SI-conforming unit of pressure according to the Anglo-American and Imperial system for units, whereas the value of 1 inH2O meets the static pressure, which is generated by a head of water at a temperature of 39,2°F with a height of 1 inch .
N19	inch of water (60 ºF) Non SI-conforming unit of pressure according to the Anglo-American and Imperial system for units, whereas the value of 1 inH2O meets the static pressure, which is generated by a head of water at a temperature of 60°F with a height of 1 inch .
N20	kip per square inch Non SI-conforming unit of the pressure according to the Anglo-American system of units as the 1000-fold of the unit of the force pound-force divided by the power of the unit inch by exponent 2.
N21	poundal per square foot Non SI-conforming unit of pressure by the Imperial system of units according to NIST: 1 pdl/ft² = 1,488 164 Pa.
N22	ounce (avoirdupois) per square inch Unit of the surface specific mass (avoirdupois ounce according to the avoirdupois system of units according to the surface square inch according to the Anglo-American and Imperial system of units).
N23	conventional metre of water Not SI-conforming unit of pressure, whereas a value of 1 mH2O is equivalent to the static pressure, which is produced by one metre high water column .
N24	gram per square millimetre 0,001-fold of the SI base unit kilogram divided by the 0.000 001-fold of the power of the SI base unit meter by exponent 2.
N25	pound per square yard Unit for areal-related mass as a unit pound according to the avoirdupois unit system divided by the power of the unit yard according to the Anglo-American and Imperial system of units with exponent 2.
N26	poundal per square inch Non SI-conforming unit of the pressure according to the Imperial system of units (poundal by square inch).
N27	foot to the fourth power Power of the unit foot according to the Anglo-American and Imperial system of units by exponent 4 according to NIST: 1 ft4 = 8,630 975 m4.
N28	cubic decimetre per kilogram 0,001 fold of the power of the SI base unit meter by exponent 3 divided by the SI based unit kilogram.

Used Codes

N29	cubic foot per pound Power of the unit foot according to the Anglo-American and Imperial system of units by exponent 3 divided by the unit avoirdupois pound according to the avoirdupois unit system.
N3	print point
N30	cubic inch per pound Power of the unit inch according to the Anglo-American and Imperial system of units by exponent 3 divided by the avoirdupois pound according to the avoirdupois unit system .
N31	kilonewton per metre 1000-fold of the derived SI unit newton divided by the SI base unit metre.
N32	poundal per inch Non SI-conforming unit of the surface tension according to the Imperial unit system as quotient poundal by inch.
N33	pound-force per yard Unit of force per unit length based on the Anglo-American system of units.
N34	poundal second per square foot Non SI-conforming unit of viscosity.
N35	poise per pascal CGS (Centimetre-Gram-Second system) unit poise divided by the derived SI unit pascal.
N36	newton second per square metre Unit of the dynamic viscosity as a product of unit of the pressure (newton by square metre) multiplied with the SI base unit second.
N37	kilogram per metre second Unit of the dynamic viscosity as a quotient SI base unit kilogram divided by the SI base unit metre and by the SI base unit second.
N38	kilogram per metre minute Unit of the dynamic viscosity as a quotient SI base unit kilogram divided by the SI base unit metre and by the unit minute.
N39	kilogram per metre day Unit of the dynamic viscosity as a quotient SI base unit kilogram divided by the SI base unit metre and by the unit day.
N40	kilogram per metre hour Unit of the dynamic viscosity as a quotient SI base unit kilogram divided by the SI base unit metre and by the unit hour.
N41	gram per centimetre second Unit of the dynamic viscosity as a quotient of the 0,001-fold of the SI base unit kilogram divided by the 0,01-fold of the SI base unit metre and SI base unit second.

Used Codes

N42	poundal second per square inch Non SI-conforming unit of dynamic viscosity according to the Imperial system of units as product unit of the pressure (poundal by square inch) multiplied by the SI base unit second.
N43	pound per foot minute Unit of the dynamic viscosity according to the Anglo-American unit system.
N44	pound per foot day Unit of the dynamic viscosity according to the Anglo-American unit system.
N45	cubic metre per second pascal Power of the SI base unit meter by exponent 3 divided by the product of the SI base unit second and the derived SI base unit pascal.
N46	foot poundal Unit of the work (force-path).
N47	inch poundal Unit of work (force multiplied by path) according to the Imperial system of units as a product unit inch multiplied by poundal.
N48	watt per square centimetre Derived SI unit watt divided by the power of the 0,01-fold the SI base unit metre by exponent 2.
N49	watt per square inch Derived SI unit watt divided by the power of the unit inch according to the Anglo-American and Imperial system of units by exponent 2.
N50	British thermal unit (international table) per square foot hour Unit of the surface heat flux according to the Imperial system of units.
N51	British thermal unit (thermochemical) per square foot hour Unit of the surface heat flux according to the Imperial system of units.
N52	British thermal unit (thermochemical) per square foot minute Unit of the surface heat flux according to the Imperial system of units.
N53	British thermal unit (international table) per square foot second Unit of the surface heat flux according to the Imperial system of units.
N54	British thermal unit (thermochemical) per square foot second Unit of the surface heat flux according to the Imperial system of units.
N55	British thermal unit (international table) per square inch second Unit of the surface heat flux according to the Imperial system of units.
N56	calorie (thermochemical) per square centimetre minute Unit of the surface heat flux according to the Imperial system of units.
N57	calorie (thermochemical) per square centimetre second Unit of the surface heat flux according to the Imperial system of units.

Used Codes

N58	British thermal unit (international table) per cubic foot Unit of the energy density according to the Imperial system of units.
N59	British thermal unit (thermochemical) per cubic foot Unit of the energy density according to the Imperial system of units.
N60	British thermal unit (international table) per degree Fahrenheit Unit of the heat capacity according to the Imperial system of units.
N61	British thermal unit (thermochemical) per degree Fahrenheit Unit of the heat capacity according to the Imperial system of units.
N62	British thermal unit (international table) per degree Rankine Unit of the heat capacity according to the Imperial system of units.
N63	British thermal unit (thermochemical) per degree Rankine Unit of the heat capacity according to the Imperial system of units.
N64	British thermal unit (thermochemical) per pound degree Rankine Unit of the heat capacity (British thermal unit according to the international table according to the Rankine degree) according to the Imperial system of units divided by the unit avoirdupois pound according to the avoirdupois system of units.
N65	kilocalorie (international table) per gram kelvin Unit of the mass-related heat capacity as quotient 1000-fold of the calorie (international table) divided by the product of the 0,001-fold of the SI base units kilogram and kelvin.
N66	British thermal unit (39 ºF) Unit of heat energy according to the Imperial system of units in a reference temperature of 39 °F.
N67	British thermal unit (59 ºF) Unit of heat energy according to the Imperial system of units in a reference temperature of 59 °F.
N68	British thermal unit (60 ºF) Unit of head energy according to the Imperial system of units at a reference temperature of 60 °F.
N69	calorie (20 ºC) Unit for quantity of heat, which is to be required for 1 g air free water at a constant pressure from 101,325 kPa, to warm up the pressure of standard atmosphere at sea level, from 19,5 °C on 20,5 °C.
N70	quad (1015 BtuIT) Unit of heat energy according to the imperial system of units.
N71	therm (EC) Unit of heat energy in commercial use, within the EU defined: 1 thm (EC) = 100 000 BtuIT.

Used Codes

N72	therm (U.S.) Unit of heat energy in commercial use.
N73	British thermal unit (thermochemical) per pound Unit of the heat energy according to the Imperial system of units divided the unit avoirdupois pound according to the avoirdupois system of units.
N74	British thermal unit (international table) per hour square foot degree Fahrenheit Unit of the heat transition coefficient according to the Imperial system of units.
N75	British thermal unit (thermochemical) per hour square foot degree Fahrenheit Unit of the heat transition coefficient according to the imperial system of units.
N76	British thermal unit (international table) per second square foot degree Fahrenheit Unit of the heat transition coefficient according to the imperial system of units.
N77	British thermal unit (thermochemical) per second square foot degree Fahrenheit Unit of the heat transition coefficient according to the imperial system of units.
N78	kilowatt per square metre kelvin 1000-fold of the derived SI unit watt divided by the product of the power of the SI base unit metre by exponent 2 and the SI base unit kelvin.
N79	kelvin per pascal SI base unit kelvin divided by the derived SI unit pascal.
N80	watt per metre degree Celsius Derived SI unit watt divided by the product of the SI base unit metre and the unit for temperature degree Celsius.
N81	kilowatt per metre kelvin 1000-fold of the derived SI unit watt divided by the product of the SI base unit metre and the SI base unit kelvin.
N82	kilowatt per metre degree Celsius 1000-fold of the derived SI unit watt divided by the product of the SI base unit metre and the unit for temperature degree Celsius.
N83	metre per degree Celcius metre SI base unit metre divided by the product of the unit degree Celsius and the SI base unit metre.
N84	degree Fahrenheit hour per British thermal unit (international table) Non SI-conforming unit of the thermal resistance according to the Imperial system of units.
N85	degree Fahrenheit hour per British thermal unit (thermochemical) Non SI-conforming unit of the thermal resistance according to the Imperial system of units.

Used Codes

N86	degree Fahrenheit second per British thermal unit (international table) Non SI-conforming unit of the thermal resistance according to the Imperial system of units.
N87	degree Fahrenheit second per British thermal unit (thermochemical) Non SI-conforming unit of the thermal resistance according to the Imperial system of units.
N88	degree Fahrenheit hour square foot per British thermal unit (international table) inch Unit of specific thermal resistance according to the Imperial system of units.
N89	degree Fahrenheit hour square foot per British thermal unit (thermochemical) inch Unit of specific thermal resistance according to the Imperial system of units.
N90	kilofarad 1000-fold of the derived SI unit farad.
N91	reciprocal joule Reciprocal of the derived SI unit joule.
N92	picosiemens 0,000 000 000 001-fold of the derived SI unit siemens.
N93	ampere per pascal SI base unit ampere divided by the derived SI unit pascal.
N94	franklin CGS (Centimetre-Gram-Second system) unit of the electrical charge, where the charge amounts to exactly 1 Fr where the force of 1 dyn on an equal load is performed at a distance of 1 cm.
N95	ampere minute A unit of electric charge defining the amount of charge accumulated by a steady flow of one ampere for one minute..
N96	biot CGS (Centimetre-Gram-Second system) unit of the electric power which is defined by a force of 2 dyn per cm between two parallel conductors of infinite length with negligible cross-section in the distance of 1 cm.
N97	gilbert CGS (Centimetre-Gram-Second system) unit of the magnetomotive force, which is defined by the work to increase the magnetic potential of a positive common pol with 1 erg.
N98	volt per pascal Derived SI unit volt divided by the derived SI unit pascal.
N99	picovolt 0,000 000 000 001-fold of the derived SI unit volt.
NA	milligram per kilogram

Used Codes

NAR	number of articles A unit of count defining the number of articles (article: item).
NCL	number of cells A unit of count defining the number of cells (cell: an enclosed or circumscribed space, cavity, or volume).
NEW	newton
NF	message A unit of count defining the number of messages.
NIL	nil A unit of count defining the number of instances of nothing.
NIU	number of international units A unit of count defining the number of international units.
NL	load A unit of volume defining the number of loads (load: a quantity of items carried or processed at one time).
NM3	Normalised cubic metre Normalised cubic metre (temperature 0°C and pressure 101325 millibars)
NMI	nautical mile
NMP	number of packs A unit of count defining the number of packs (pack: a collection of objects packaged together).
NPR	number of pairs A unit of count defining the number of pairs (pair: item described by two's).
NPT	number of parts A unit of count defining the number of parts (part: component of a larger entity).
NQ	mho
NR	micromho
NT	net ton A unit of mass equal to 2000 pounds, see ton (US). Refer International Convention on tonnage measurement of Ships.
NTT	net register ton A unit of mass equal to the total cubic footage after deductions, where 1 register ton is equal to 100 cubic feet. Refer International Convention on tonnage measurement of Ships.
NU	newton metre
NX	part per thousand A unit of proportion equal to 10 to the power of -3. Synonym: per mille

Used Codes

OA	panel A unit of count defining the number of panels (panel: a distinct, usually rectangular, section of a surface).
ODE	ozone depletion equivalent A unit of mass defining the ozone depletion potential in kilograms of a product relative to the calculated depletion for the reference substance, Trichlorofluoromethane (CFC-11).
OHM	ohm
ON	ounce per square yard
ONZ	ounce (avoirdupois)
OPM	oscillations per minute The number of oscillations per minute.
OT	overtime hour A unit of time defining the number of overtime hours.
OZ	ounce av A unit of measure equal to 1/16 of a pound or about 28.3495 grams (av = avoirdupois). Use ounce (common code ONZ).
OZA	fluid ounce (US)
OZI	fluid ounce (UK)
P1	percent A unit of proportion equal to 0.01.
P10	coulomb per metre Derived SI unit coulomb divided by the SI base unit metre.
P11	kiloweber 1000 fold of the derived SI unit weber.
P12	gamma Unit of magnetic flow density.
P13	kilotesla 1000-fold of the derived SI unit tesla.
P14	joule per second Quotient of the derived SI unit joule divided by the SI base unit second.
P15	joule per minute Quotient from the derived SI unit joule divided by the unit minute.
P16	joule per hour Quotient from the derived SI unit joule divided by the unit hour.
P17	joule per day Quotient from the derived SI unit joule divided by the unit day.

Used Codes

P18	kilojoule per second Quotient from the 1000-fold of the derived SI unit joule divided by the SI base unit second.
P19	kilojoule per minute Quotient from the 1000-fold of the derived SI unit joule divided by the unit minute.
P2	pound per foot
P20	kilojoule per hour Quotient from the 1000-fold of the derived SI unit joule divided by the unit hour.
P21	kilojoule per day Quotient from the 1000-fold of the derived SI unit joule divided by the unit day.
P22	nanoohm 0,000 000 001-fold of the derived SI unit ohm.
P23	ohm circular-mil per foot Unit of resistivity.
P24	kilohenry 1000-fold of the derived SI unit henry.
P25	lumen per square foot Derived SI unit lumen divided by the power of the unit foot according to the Anglo-American and Imperial system of units by exponent 2.
P26	phot CGS (Centimetre-Gram-Second system) unit of luminance, defined as lumen by square centimetre.
P27	footcandle Non SI conform traditional unit, defined as density of light which impinges on a surface which has a distance of one foot from a light source, which shines with an intensity of an international candle.
P28	candela per square inch SI base unit candela divided by the power of unit inch according to the Anglo-American and Imperial system of units by exponent 2.
P29	footlambert Unit of the luminance according to the Anglo-American system of units, defined as emitted or reflected luminance of a lm/ft².
P30	lambert CGS (Centimetre-Gram-Second system) unit of luminance, defined as the emitted or reflected luminance by one lumen per square centimetre.
P31	stilb CGS (Centimetre-Gram-Second system) unit of luminance, defined as emitted or reflected luminance by one lumen per square centimetre.

Used Codes

P32	candela per square foot Base unit SI candela divided by the power of the unit foot according to the Anglo-American and Imperial system of units by exponent 2.
P33	kilocandela 1000-fold of the SI base unit candela.
P34	millicandela 0,001-fold of the SI base unit candela.
P35	Hefner-Kerze Obsolete, non-legal unit of the power in Germany relating to DIN 1301-3: 1979: 1 HK = 0,903 cd.
P36	international candle Obsolete, non-legal unit of the power in Germany relating to DIN 1301-3: 1979: 1 HK = 1,019 cd.
P37	British thermal unit (international table) per square foot Unit of the areal-related energy transmission according to the Imperial system of units.
P38	British thermal unit (thermochemical) per square foot Unit of the areal-related energy transmission according to the Imperial system of units.
P39	calorie (thermochemical) per square centimetre Unit of the areal-related energy transmission according to the Imperial system of units.
P40	langley CGS (Centimetre-Gram-Second system) unit of the areal-related energy transmission (as a measure of the incident quantity of heat of solar radiation on the earth's surface).
P41	decade (logarithmic) 1 Dec := log2 10 ˜ 3,32 according to the logarithm for frequency range between f1 and f2, when f2/f1 = 10.
P42	pascal squared second Unit of the set as a product of the power of derived SI unit pascal with exponent 2 and the SI base unit second.
P43	bel per metre Unit bel divided by the SI base unit metre.
P44	pound mole Non SI-conforming unit of quantity of a substance relating that one pound mole of a chemical composition corresponds to the same number of pounds as the molecular weight of one molecule of this composition in atomic mass units.

Used Codes

P45	pound mole per second Non SI-conforming unit of the power of the amount of substance non-SI compliant unit of the molar flux relating that a pound mole of a chemical composition the same number of pound corresponds like the molecular weight of a molecule of this composition in atomic mass units.
P46	pound mole per minute Non SI-conforming unit of the power of the amount of substance non-SI compliant unit of the molar flux relating that a pound mole of a chemical composition the same number of pound corresponds like the molecular weight of a molecule of this composition in atomic mass units.
P47	kilomole per kilogram 1000-fold of the SI base unit mol divided by the SI base unit kilogram.
P48	pound mole per pound Non SI-conforming unit of the material molar flux divided by the avoirdupois pound for mass according to the avoirdupois unit system.
P49	newton square metre per ampere Product of the derived SI unit newton and the power of SI base unit metre with exponent 2 divided by the SI base unit ampere.
P5	five pack A unit of count defining the number of five-packs (five-pack: set of five items packaged together).
P50	weber metre Product of the derived SI unit weber and SI base unit metre.
P51	mol per kilogram pascal SI base unit mol divided by the product of the SI base unit kilogram and the derived SI unit pascal.
P52	mol per cubic metre pascal SI base unit mol divided by the product of the power from the SI base unit metre with exponent 3 and the derived SI unit pascal.
P53	unit pole CGS (Centimetre-Gram-Second system) unit for magnetic flux of a magnetic pole (according to the interaction of identical poles of 1 dyn at a distance of a cm).
P54	milligray per second 0,001-fold of the derived SI unit gray divided by the SI base unit second.
P55	microgray per second 0,000 001-fold of the derived SI unit gray divided by the SI base unit second.
P56	nanogray per second 0,000 000 001-fold of the derived SI unit gray divided by the SI base unit second.

Used Codes

P57	gray per minute SI derived unit gray divided by the unit minute.
P58	milligray per minute 0,001-fold of the derived SI unit gray divided by the unit minute.
P59	microgray per minute 0,000 001-fold of the derived SI unit gray divided by the unit minute.
P60	nanogray per minute 0,000 000 001-fold of the derived SI unit gray divided by the unit minute.
P61	gray per hour SI derived unit gray divided by the unit hour.
P62	milligray per hour 0,001-fold of the derived SI unit gray divided by the unit hour.
P63	microgray per hour 0,000 001-fold of the derived SI unit gray divided by the unit hour.
P64	nanogray per hour 0,000 000 001-fold of the derived SI unit gray divided by the unit hour.
P65	sievert per second Derived SI unit sievert divided by the SI base unit second.
P66	millisievert per second 0,001-fold of the derived SI unit sievert divided by the SI base unit second.
P67	microsievert per second 0,000 001-fold of the derived SI unit sievert divided by the SI base unit second.
P68	nanosievert per second 0,000 000 001-fold of the derived SI unit sievert divided by the SI base unit second.
P69	rem per second Unit for the equivalent tin rate relating to DIN 1301-3:1979: 1 rem/s = 0,01 J/(kg·s) = 1 Sv/s.
P70	sievert per hour Derived SI unit sievert divided by the unit hour.
P71	millisievert per hour 0,001-fold of the derived SI unit sievert divided by the unit hour.
P72	microsievert per hour 0,000 001-fold of the derived SI unit sievert divided by the unit hour.
P73	nanosievert per hour 0,000 000 001-fold of the derived SI unit sievert divided by the unit hour.

Used Codes

P74	sievert per minute Derived SI unit sievert divided by the unit minute.
P75	millisievert per minute 0,001-fold of the derived SI unit sievert divided by the unit minute.
P76	microsievert per minute 0,000 001-fold of the derived SI unit sievert divided by the unit minute.
P77	nanosievert per minute 0,000 000 001-fold of the derived SI unit sievert divided by the unit minute.
P78	reciprocal square inch Complement of the power of the unit inch according to the Anglo-American and Imperial system of units by exponent 2.
P79	pascal square metre per kilogram Unit of the burst index as derived unit for pressure pascal related to the substance, represented as a quotient from the SI base unit kilogram divided by the power of the SI base unit metre by exponent 2.
P80	millipascal per metre 0,001-fold of the derived SI unit pascal divided by the SI base unit metre.
P81	kilopascal per metre 1000-fold of the derived SI unit pascal divided by the SI base unit metre.
P82	hectopascal per metre 100-fold of the derived SI unit pascal divided by the SI base unit metre.
P83	standard atmosphere per metre Outdated unit of the pressure divided by the SI base unit metre.
P84	technical atmosphere per metre Obsolete and non-legal unit of the pressure which is generated by a 10 metre water column divided by the SI base unit metre.
P85	torr per metre CGS (Centimetre-Gram-Second system) unit of the pressure divided by the SI base unit metre.
P86	psi per inch Compound unit for pressure (pound-force according to the Anglo-American unit system divided by the power of the unit inch according to the Anglo-American and Imperial system of units with the exponent 2) divided by the unit inch according to the Anglo-American and Imperial system of units .
P87	cubic metre per second square metre Unit of volume flow cubic meters by second related to the transmission surface in square metres.
P88	rhe Non SI-conforming unit of fluidity of dynamic viscosity.

Used Codes

P89	pound-force foot per inch Unit for length-related rotational moment according to the Anglo-American and Imperial system of units.
P90	pound-force inch per inch Unit for length-related rotational moment according to the Anglo-American and Imperial system of units.
P91	perm (0 ºC) Traditional unit for the ability of a material to allow the transition of the steam, defined at a temperature of 0 °C as steam transmittance, where the mass of one grain steam penetrates an area of one foot squared at a pressure from one inch mercury per hour.
P92	perm (23 ºC) Traditional unit for the ability of a material to allow the transition of the steam, defined at a temperature of 23 °C as steam transmittance at which the mass of one grain of steam penetrates an area of one square foot at a pressure of one inch mercury per hour.
P93	byte per second Unit byte divided by the SI base unit second.
P94	kilobyte per second 1000-fold of the unit byte divided by the SI base unit second.
P95	megabyte per second 1 000 000-fold of the unit byte divided by the SI base unit second.
P96	reciprocal volt Reciprocal of the derived SI unit volt.
P97	reciprocal radian Reciprocal of the unit radian.
P98	pascal to the power sum of stoichiometric numbers Unit of the equilibrium constant on the basis of the pressure(ISO 80000-9: 2009, 9-35.a).
P99	mole per cubiv metre to the power sum of stoichiometric numbers Unit of the equilibrium constant on the basis of the concentration (ISO 80000-9:2009, 9-36.a).
PAL	pascal
PD	pad A unit of count defining the number of pads (pad: block of paper sheets fastened together at one end).
PFL	proof litre A unit of volume equal to one litre of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature.

Used Codes

PGL	proof gallon A unit of volume equal to one gallon of proof spirits, or the alcohol equivalent thereof. Used for measuring the strength of distilled alcoholic liquors, expressed as a percentage of the alcohol content of a standard mixture at a specific temperature.
PI	pitch A unit of count defining the number of characters that fit in a horizontal inch.
PLA	degree Plato A unit of proportion defining the sugar content of a product, especially in relation to beer.
PO	pound per inch of length
PQ	page per inch A unit of quantity defining the degree of thickness of a bound publication, expressed as the number of pages per inch of thickness.
PR	pair A unit of count defining the number of pairs (pair: item described by two's).
PS	pound-force per square inch
PT	pint (US) Use liquid pint (common code PTL)
PTD	dry pint (US)
PTI	pint (UK)
PTL	liquid pint (US)
PTN	portion A quantity of allowance of food allotted to, or enough for, one person.
Q10	joule per tesla Unit of the magnetic dipole moment of the molecule as derived SI unit joule divided by the derived SI unit tesla.
Q11	erlang Unit of the market value according to the feature of a single feature as a statistical measurement of the existing utilization.
Q12	octet Synonym for byte: 1 octet = 8 bit = 1 byte.
Q13	octet per second Unit octet divided by the SI base unit second.
Q14	shannon Logarithmic unit for information equal to the content of decision of a sentence of two mutually exclusive events, expressed as a logarithm to base 2.

Used Codes

Q15	hartley Logarithmic unit for information equal to the content of decision of a sentence of ten mutually exclusive events, expressed as a logarithm to base 10.
Q16	natural unit of information Logarithmic unit for information equal to the content of decision of a sentence of ,718 281 828 459 mutually exclusive events, expressed as a logarithm to base Euler value e.
Q17	shannon per second Time related logarithmic unit for information equal to the content of decision of a sentence of two mutually exclusive events, expressed as a logarithm to base 2.
Q18	hartley per second Time related logarithmic unit for information equal to the content of decision of a sentence of ten mutually exclusive events, expressed as a logarithm to base 10.
Q19	natural unit of information per second Time related logarithmic unit for information equal to the content of decision of a sentence of 2,718 281 828 459 mutually exclusive events, expressed as a logarithm to base of the Euler value e.
Q20	second per kilogramm Unit of the Einstein transition probability for spontaneous or inducing emissions and absorption according to ISO 80000-7:2008, expressed as SI base unit second divided by the SI base unit kilogram.
Q21	watt square metre Unit of the first radiation constants c1 = 2·p·h·c0 to the power of 2, the value of which is 3,741 771 18·10?16-fold that of the comparative value of the product of the derived SI unit watt multiplied with the power of the SI base unit metre with the exponent 2.
Q22	second per radian cubic metre Unit of the density of states as an expression of angular frequency as complement of the product of hertz and radiant and the power of SI base unit metre by exponent 3 .
Q23	weber to the power minus one Complement of the derived SI unit weber as unit of the Josephson constant, which value is equal to the 384 597,891-fold of the reference value gigahertz divided by volt.
Q24	reciprocal inch Complement of the unit inch according to the Anglo-American and Imperial system of units.
Q25	dioptre Unit used at the statement of relative refractive indexes of optical systems as complement of the focal length with correspondence to: 1 dpt = 1/m.

Used Codes

Q26	one per one Value of the quotient from two physical units of the same kind as a numerator and denominator whereas the units are shortened mutually.
Q27	newton metre per metre Unit for length-related rotational moment as product of the derived SI unit newton and the SI base unit metre divided by the SI base unit metre.
Q28	kilogram per square metre pascal second Unit for the ability of a material to allow the transition of steam.
Q29	microgram per hectogram Microgram per hectogram.
Q3	meal A unit of count defining the number of meals (meal: an amount of food to be eaten on a single occasion).
Q30	pH (potential of Hydrogen) The activity of the (solvated) hydrogen ion (a logarithmic measure used to state the acidity or alkalinity of a chemical solution).
Q31	kilojoule per gram
Q32	femtolitre
Q33	picolitre
Q34	nanolitre
Q35	megawatts per minute A unit of power defining the total amount of bulk energy transferred or consumer per minute.
Q36	square metre per cubic metre A unit of the amount of surface area per unit volume of an object or collection of objects.
Q37	Standard cubic metre per day Standard cubic metre (temperature 15°C and pressure 101325 millibars) per day
Q38	Standard cubic metre per hour Standard cubic metre (temperature 15°C and pressure 101325 millibars) per hour
Q39	Normalized cubic metre per day Normalized cubic metre (temperature 0°C and pressure 101325 millibars) per day
Q40	Normalized cubic metre per hour Normalized cubic metre (temperature 0°C and pressure 101325 millibars) per hour

Used Codes

Q41	Joule per normalised cubic metre Joule per normalised cubic metre (temperature 0°C and pressure 101325 millibars).
Q42	Joule per standard cubic metre Joule per standard cubic metre (temperature 15°C and pressure 101325 millibars).
QA	page - facsimile A unit of count defining the number of facsimile pages.
QAN	quarter (of a year) A unit of time defining the number of quarters (3 months).
QB	page - hardcopy A unit of count defining the number of hardcopy pages (hardcopy page: a page rendered as printed or written output on paper, film, or other permanent medium).
QR	quire A unit of count for paper, expressed as the number of quires (quire: a number of paper sheets, typically 25).
QT	quart (US) Use liquid quart (common code QTL)
QTD	dry quart (US)
QTI	quart (UK)
QTL	liquid quart (US)
QTR	quarter (UK) A traditional unit of weight equal to 1/4 hundredweight. In the United Kingdom, one quarter equals 28 pounds.
R1	pica A unit of count defining the number of picas. (pica: typographical length equal to 12 points or 4.22 mm (approx.)).
R9	thousand cubic metre A unit of volume equal to one thousand cubic metres.
RH	running or operating hour A unit of time defining the number of hours of operation.
RM	ream A unit of count for paper, expressed as the number of reams (ream: a large quantity of paper sheets, typically 500).
ROM	room A unit of count defining the number of rooms.

Used Codes

RP	pound per ream A unit of mass for paper, expressed as pounds per ream. (ream: a large quantity of paper, typically 500 sheets).
RPM	revolutions per minute Refer ISO/TC12 SI Guide
RPS	revolutions per second Refer ISO/TC12 SI Guide
RT	revenue ton mile A unit of information typically used for billing purposes, expressed as the number of revenue tons (revenue ton: either a metric ton or a cubic metres, whichever is the larger), moved over a distance of one mile.
S3	square foot per second Synonym: foot squared per second
S4	square metre per second Synonym: metre squared per second (square metres/second US)
SAN	half year (6 months) 'A unit of time defining the number of half years (6 months).
SCO	score A unit of count defining the number of units in multiples of 20.
SCR	scruple
SEC	second [unit of time]
SET	set A unit of count defining the number of sets (set: a number of objects grouped together).
SG	segment A unit of information equal to 64000 bytes.
SHT	shipping ton A unit of mass defining the number of tons for shipping.
SIE	siemens
SM3	Standard cubic metre Standard cubic metre (temperature 15°C and pressure 101325 millibars)
SMI	mile (statute mile)
SQ	square A unit of count defining the number of squares (square: rectangular shape).
SQR	square, roofing A unit of count defining the number of squares of roofing materials, measured in multiples of 100 square feet.

Used Codes

SR	strip A unit of count defining the number of strips (strip: long narrow piece of an object).
STC	stick A unit of count defining the number of sticks (stick: slender and often cylindrical piece of a substance).
STI	stone (UK)
STK	stick, cigarette A unit of count defining the number of cigarettes in the smallest unit for stock-taking and/or duty computation.
STL	standard litre A unit of volume defining the number of litres of a product at a temperature of 15 degrees Celsius, especially in relation to hydrocarbon oils.
STN	ton (US) or short ton (UK/US) Synonym: net ton (2000 lb)
STW	straw A unit of count defining the number of straws (straw: a slender tube used for sucking up liquids).
SW	skein A unit of count defining the number of skeins (skein: a loosely-coiled bundle of yarn or thread).
SX	shipment A unit of count defining the number of shipments (shipment: an amount of goods shipped or transported).
SYR	syringe A unit of count defining the number of syringes (syringe: a small device for pumping, spraying and/or injecting liquids through a small aperture).
T0	telecommunication line in service A unit of count defining the number of lines in service.
T3	thousand piece A unit of count defining the number of pieces in multiples of 1000 (piece: a single item, article or exemplar).
TAH	kiloampere hour (thousand ampere hour)
TAN	total acid number A unit of chemistry defining the amount of potassium hydroxide (KOH) in milligrams that is needed to neutralize the acids in one gram of oil. It is an important quality measurement of crude oil.
TI	thousand square inch

Used Codes

TIC	metric ton, including container A unit of mass defining the number of metric tons of a product, including its container.
TIP	metric ton, including inner packaging A unit of mass defining the number of metric tons of a product, including its inner packaging materials.
TKM	tonne kilometre A unit of information typically used for billing purposes, expressed as the number of tonnes (metric tons) moved over a distance of one kilometre.
TMS	kilogram of imported meat, less offal A unit of mass equal to one thousand grams of imported meat, disregarding less valuable by-products such as the entrails.
TNE	tonne (metric ton) Synonym: metric ton
TP	ten pack A unit of count defining the number of items in multiples of 10.
TPI	teeth per inch The number of teeth per inch.
TPR	ten pair A unit of count defining the number of pairs in multiples of 10 (pair: item described by two's).
TQD	thousand cubic metre per day A unit of volume equal to one thousand cubic metres per day.
TRL	trillion (EUR)
TST	ten set A unit of count defining the number of sets in multiples of 10 (set: a number of objects grouped together).
TTS	ten thousand sticks A unit of count defining the number of sticks in multiples of 10000 (stick: slender and often cylindrical piece of a substance).
U1	treatment A unit of count defining the number of treatments (treatment: subjection to the action of a chemical, physical or biological agent).
U2	tablet A unit of count defining the number of tablets (tablet: a small flat or compressed solid object).
UA	torr
UB	telecommunication line in service average A unit of count defining the average number of lines in service.

Used Codes

UC	telecommunication port A unit of count defining the number of network access ports.
VA	volt - ampere per kilogram
VLT	volt
VP	percent volume A measure of concentration, typically expressed as the percentage volume of a solute in a solution.
W2	wet kilo A unit of mass defining the number of kilograms of a product, including the water content of the product.
WA	watt per kilogram
WB	wet pound A unit of mass defining the number of pounds of a material, including the water content of the material.
WCD	cord A unit of volume used for measuring lumber. One board foot equals 1/12 of a cubic foot.
WE	wet ton A unit of mass defining the number of tons of a material, including the water content of the material.
WEB	weber
WEE	week
WG	wine gallon A unit of volume equal to 231 cubic inches.
WHR	watt hour
WM	working month A unit of time defining the number of working months.
WSD	standard A unit of volume of finished lumber equal to 165 cubic feet. Synonym: standard cubic foot
WTT	watt
WW	millilitre of water A unit of volume equal to the number of millilitres of water.
X1	Gunter's chain A unit of distance used or formerly used by British surveyors.
YDK	square yard
YDQ	cubic yard
YRD	yard

Used Codes

Z11	hanging container A unit of count defining the number of hanging containers.
ZP	page A unit of count defining the number of pages.
ZZ	mutually defined A unit of measure as agreed in common between two or more parties.
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.

Used Codes

A99	Bit A unit of information equal to one binary digit.
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).

Used Codes

C60	ohm centimetre GS1 Description: Unit of measure expressed in Ohm centimetre.
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.

Used Codes

DD	degree GS1 Description: Unit of measure of temperature.
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).

Used Codes

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.
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.

Used Codes

HTZ	hertz GS1 Description: One cycle per second.
HUR	hour
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

Used Codes

L2	litre per minute GS1 Description: Unit of measure expressed in litre per minute.
LBR	Pound EDIFACT
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.

Used Codes

MPA	megapascal GS1 Description: A unit of measure expressed in Megapascal.
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.

Used Codes

PR	pair GS1 Description: Two articles which belong together but are not necessarily identical.
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

Used Codes

YDK	Square yard A unit of measure expressed in square yard
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.
7161	Special service description code Code specifying a special service.
0	Released (GS1 Temporary Code) Informs the stockholder it is free to distribute the quality controlled passed goods.
1	Quality control held (GS1 Temporary Code) Instructs the stockholder to withhold distribution of the goods until the manufacturer has completed a quality control assessment.
2	Quality controlled embargo (GS1 Temporary Code) Instructs the stockholder to withhold distribution of goods which have failed quality control tests.
AA	Advertising allowance Description to be provided. GS1 Description: Allowance for the advertising costs or activities related to the product.
AAB	Returned goods charges Self-explanatory. GS1 Description: Charges related to the return of goods.
AAJ	Copper surcharge Difference between current price and basic copper value contained in product price.
AAM	Rubber surcharge Difference between current price and basic value contained in product price.
AAT	Rush delivery Charge for increased delivery speed.
AAX	Wolfram surcharge Difference between current price and basic value contained in product price.
AAY	Airport fee Charge associated with usage of airport facilities.

Used Codes

ABA	Compulsory storage fee Fee levied to cover the cost of carrying a certain amount of compulsory inventory (set by regulatory agency).
ABH	Throughput allowance Allowance for reaching or exceeding an agreed throughput threshold.
ABL	Packaging surcharge Additional charge for packaging of items.
ABZ	Miscellaneous rebate or discount Non-defined rebate or discount.
ACQ	Royalty surcharge Additional charge on an item's price for royalty.
ACY	Container deposit charge The charge relating to the packaging of a product in a container when the container is expected to be returned and has value when empty.
ACZ	Damaged merchandise The charge or credit relating to the circumstance of product being damaged and not saleable.
ADM	Binding services A code indicating binding services.
ADN	Repair or replacement of broken returnable package The repair or replacement of a broken returnable package.
ADO	Efficient logistics A code indicating efficient logistics services.
ADP	Merchandising A code indicating that merchandising services are in operation.
ADQ	Product mix A code indicating that product mixing services are in operation.
ADR	Other services A code indicating that other non-specific services are in operation.
ADS	Full pallet ordering Ordering of a full pallet of a product.
ADT	Pick-up For the pick-up or collection of goods.
ADZ	Direct delivery The specification of direct delivery as a special service.
AEK	Cash on delivery service An allowance or charge related to the provision of a cash on delivery service.

Used Codes

AEM	Clerical or administrative services The provision of clerical or administrative services.
AEN	Guarantee service The provision of a guarantee service.
AEO	Collection and recycling service The service of collection and recycling products.
AEP	Copyright fee collection services The service of the collection of copyright fees.
AEQ	Charge for exceeding agreed ordered quantity Charge applicable if the ordered quantity exceeds the quantity that has been agreed upon. GS1 Description: Charge when what the buyer is ordering exceeds the quantity that has been agreed upon.
AES	Veterinary inspection service Allowance or charge related to the service of veterinary inspection.
AEV	Environmental protection service An allowance or charge related to a provision of an environmental protection service. GS1 Description: An allowance or charge related to the provision of environmental protection or clean-up services.
AEX	National cheque processing service outside account area Service of processing a national cheque outside the ordering customer's bank trading area. GS1 Description: Service of processing a domestic cheque in an area, outside that where the ordering customer is holding his account.
AEY	National payment service outside account area Service of processing a national payment to a beneficiary holding an account outside the trading area of the ordering customer's bank.
AEZ	National payment service within account area Service of processing a national payment to a beneficiary holding an account within the trading area of the ordering customer's bank.
AG	Silver surcharge Difference between current price and basic value contained in product price.
AJ	Adjustments Description to be provided. GS1 Description: Allowance or charge related to adjustements.

Used Codes

ASS	Assortment allowance (GS1 Temporary Code) Allowance given when a specific part of a suppliers assortment is purchased by the buyer.
CA	Cataloguing services Description to be provided. GS1 Description: Allowance or charge related to the provision of cataloguing services.
CAC	Cash discount Discount incurring with cash payment.
CAG	Competitive allowance Price adjustment allowed for market conditions or factors.
CAI	Cutting charge Description to be provided. GS1 Description: An allowance or charge related to the service of cutting.
CAL	Payroll payment service Provision of a payroll payment service.
CAM	Cash transportation service Provision of a cash transportation service.
CAN	Home banking service Provision of a home banking service.
CAP	Insurance brokerage service Provision of an insurance brokerage service. GS1 Description: Charge or allowance paid to a bank, related to the purchase of insurance using the bank as a broker.
CAQ	Cheque generation service Provision of a cheque generation service. GS1 Description: Charge paid to a bank which relates to the generation of a cheque.
CAR	Preferential merchandising location Service of assigning a preferential location for merchandising.
CAS	Crane service Provision of a crane service.
CAT	Special colour service Providing a colour which is different from the default colour.
CAU	Sorting The provision of sorting services. EDIFACT

Used Codes

CAV	Battery collection and recycling The service of collection and recycling batteries.
CAW	Product Take Back Fee The fee the consumer must pay the manufacturer to take back the product.
CP	Competitive price Description to be provided. GS1 Description: Allowance or charge related to the availability of a competitive price.
DAE	Distributor discount/allowance Specific discount/allowance for distributors.
DBD	Debtor bound (GS1 Temporary Code) A special allowance or charge applicable to a specific debtor.
DDA	Dealer discount/allowance (GS1 Temporary Code) A discount or allowance offered by a party dealing a certain brand or brands of products.
DI	Discount A reduction from a usual or list price. GS1 Description: A discount is a reduction in the price of an item offered on a one off basis. An important distinction to make between discount and an allowance offered is that an allowance is a reduction which is offered on a regular basis.
DTC	Discount transferable to the consumer (GS1 Temporary Code) A discount given by the manufacturer which should be transfered to the consumer.
EAA	Early buy allowance Allowance granted to customers buying early.
EAB	Early payment allowance Allowance granted to customers paying early.
FA	Freight allowance Description to be provided. GS1 Description: Allowance for the shipment of goods or commodity.
FC	Freight charge Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).
FG	Free goods Allowance or rebate granted by delivery of goods free of charge.

Used Codes

FI	Finance charge Description to be provided. GS1 Description: A charge related to the provision of financing.
FR	Flat Rate (GS1 Temporary Code) A flat rate is applied.
GRB	Growth of business (GS1 Temporary Code) An allowance or charge related to the growth of business over a pre-determined period of time.
HD	Handling Charge for handling of the item.
IN	Insurance Charge for insurance.
INT	Introduction allowance (GS1 Temporary Code) An allowance related to the introduction of a new product to the range of products traded by a retailer.
IS	Invoice services Description to be provided. GS1 Description: An allowance or charge related to the provision of invoicing services.
LA	Labelling Service of labelling items.
MAC	Minimum order/minimum billing charge Description to be provided.
MB	Multi-buy promotion (GS1 Temporary Code) A code indicating special conditions related to a multi-buy promotion.
MC	Material surcharge (special materials) Description to be provided. GS1 Description: A surcharge related to the use of special materials.
NAA	Non-returnable containers Description to be provided. GS1 Description: An allowance or charge related to the use of non-returnable containers.
PAD	Promotional allowance Description to be provided. GS1 Description: An allowance related to a promotion.

Used Codes

PAE	Promotional discount Description to be provided. GS1 Description: A discount related to a promotion.
PAR	Partnership allowance (GS1 Temporary Code) An allowance or charge related to the establishment and on-going maintenance of a partnership.
PC	Packing Charge for packing.
PI	Pick-up allowance Description to be provided. GS1 Description: An allowance related to the pick up of goods.
PL	Palletizing Description to be provided. GS1 Description: An allowance or charge related to the palletization of goods.
PN	Pallet charge Description to be provided. GS1 Description: A charge related to the use of pallets.
QAA	Quantity surcharge Fee associated with providing goods outside "normal" quantity limits. GS1 Description: Fee associated with providing goods outside "normal" quantity limits.
QD	Quantity discount Description to be provided. GS1 Description: A discount related to the purchase of a specified quantity.
RAA	Rebate Description to be provided. GS1 Description: A rebate is the refund of part of an amount already paid for a product or service.
RAD	Returnable container Description to be provided. GS1 Description: An allowance or charge related to the use of returnable containers.
RAE	Resellers discount Description to be provided.
RCH	Return handling (GS1 Temporary Code) An allowance or change related to the handling of returns.

Used Codes

SER	Service charge (GS1 Temporary Code) A charge related to the provision of a guarantee.
SH	Special handling service Description to be provided. GS1 Description: An allowance or charge related to the provision of special handling services.
TAE	Truckload discount Description to be provided. GS1 Description: A discount associated with the purchase or delivery of full trucks of a product or products.
TD	Trade discount Description to be provided. GS1 Description: A standard trade discount.
TX	Tax Contribution levied by an authority.
TZ	Temporary allowance Description to be provided. GS1 Description: An allowance which is available on a temporary basis.
VAB	Volume discount Discount offered based on the amount of purchase.
WHE	Wholesaling discount (GS1 Temporary Code) A special discount related to the purchase of products through a wholesaler.
X01	Allowance Global (GS1 Temporary Code) A global allowance is applied.
X02	Charge Global (GS1 Temporary Code) A global charge is applied.
X03	Consolidated (GS1 Temporary Code) A charge is consolidated.
X04	Lump sum (GS1 Temporary Code) A lump sum charge applied.
X05	Markup for small volume purchases (GS1 Temporary Code) A mark up is applied for small volume purchases.
X21	Special agreement (GS1 Temporary Code) Charge or allowance which relates to a special agreement.
X22	Bank charges information (GS1 Temporary Code) Charges not included in the total charge amount.

Used Codes

X23	Transfer commission (GS1 Temporary Code) Fee for the transfer of transferable documentary credits.
X29	Mimimum order not fulfilled charge (GS1 Temporary Code) Charge levied because the minimum order quantity could not be fulfilled.
X30	Point of sales allowance (GS1 Temporary Code) Allowance for reaching or exceeding an agreed sales threshold at the point of sales.
X31	Remittance (GS1 Temporary Code) Charge or allowance related to the service of a payment carried out with a cheque from a city different to the city where the beneficiary has the account.
X32	National consignment (GS1 Temporary Code) Charge or allowance which relates to the service of a payment carried out outside the city where the account was opened.
X33	Local consignment (GS1 Temporary Code) Charge or allowance which relates to the service of a payment carried out within the city where the account was opened.
X40	Allowance/charge regulated by law (GS1 Temporary Code) An allowance/charge related to a regulatory requirement.
XAA	Combine all same day shipment Description to be provided. GS1 Description: An allowance or charge related to the combination of all same day shipments.

Example

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

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

```
UNH+ME000001+INVOIC:D:01B:UN:EAN011'
```
The reference number of the invoice message is ME000001.

```
BGM+380:::SUMMENRECHNUNG+87441+9'
```
The document number is 87441.

```
DTM+137:20181001:102'
```
The message was created on 01.10.2018

```
DTM+263:2018102620181029:718'
```
The invoicing period is 26. October 2018 to 29.October 2018.

```
ALI+++15'
```
The whole message is not subject for discount, e.g. deposit invoicing

```
ALI+DE'
```
Country of origin is Germany

```
ALI+++148'
```
Products have been supplied direct to retail store

```
FTX+AAK+1++Es ergeben sich Entgeltminderungen aufgrund:von Rabatt- oder
Bonusvereinbarungen+DE'
```
Fee reduction

```
FTX+ZZZ+1++FREIER TEXT:FREE TEXT:FREIER TEXT:FREE TEXT:FREIER TEXT+DE'
```
Possibility to transmit free text

```
FTX+REG+1+IGL::246++DE'
```
EU delivery

```
RFF+ABO:4713'
```
The invoice is part of invoice register 4713.

```
DTM+171:20180301:102'
```
Invoice register is dated 01.03.2018

```
RFF+CT:1'
```
Invoice references to agreement no. 1.

```
DTM+171:20030301:102'
```
The agreement date is 01.03.2018

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

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

```
RFF+VA:DE090909'
```
The VAT registration number is DE090909.

```
NAD+IV+4071615192710::9'
```
Invoicee is identified by GLN 4071615192710.

Example

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

RFF+VA:DE090909'
The VAT registration number is DE090909.

NAD+DP+4089876511111::9++Warenempfänger-Name 1:Warenempfänger-Name 2:Warenempfänger-Name 3+Maarweg 104+Köln++50825+DE'
The delivery party is identified by GLN 4089876511111.

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

RFF+IT:9988'
The internal customer number is 9988.

NAD+SU+4389876511113::9+ABC123:X:X:X:X'
The supplier/issuer of invoice is identified by GLN 4389876511113.

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

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

RFF+FC:07/408/1234/5'
The fiscal tax number is 07/408/1234/5.

RFF+VA:DE101010'
The VAT registration number is DE101010.

NAD+FW+4389876511893::9'
The forwarder is identified by GLN 4389876511893.

TAX+7+VAT+ABC123++:::19+S'
The dominant tax rate of the document is 16%.

CUX+2:EUR:4+3:USD:4+0.90243'
The document has been invoiced in EURO.

PAT+3'
Due date:

DTM+13:20180315:102'
Invoice is due on 15.03.2018

PAT+3'
Payment terms

DTM+12:20190412:102'
Terms discount due date is 12.04.2019.

PCD+12:2.5'
2.5% early payment allowance are offered

MOA+8:2.52'
Early payment allowance is 2.52 EURO

PAT+3'
Value date:

DTM+209:20190412:102'
The value date is 12.04.2019

Example

`ALC+A+Absprache++1+DI'`
Invoice discount

`QTY+1:152'`
152 pieces

`PCD+3:2.75'`
2.75%

`MOA+25:108'`
Basis amount = 108 EURO

`MOA+8:2.97'`
equals 2.97 EURO

`RTE+1:500:100:H87'`
Rate: 500 EURO per 100 pieces

`TAX+7+VAT+ABC123++:::19+S'`
Discount on invoice level is related to the part of the invoice, which is taxed with 16%.

`LIN+1'`
Line item Number 1.

`ALI+++15'`
The current document is not subject for discount, e.g. deposit invoicing

`ALI+DE'`
Country of origin is Germany

`ALI+++148'`
Products have been supplied direct to retail store

`DTM+35:20180315:102'`
Date of delivery is 15.03.2018

`DTM+263:20181026201810 29:718'`
The invoicing period is 26. October 2018 to 29.October 2018.

`FTX+ZZZ+1++FREIER TEXT:FREETEXT:FREIER TEXT:FREE TEXT:FREIER TEXT+DE'`
Possibility to provide free text.

`MOA+77:121.99'`
The total amount is 121.99 EURO.

`MOA+79:108.13'`
The total of all net line amounts is 108.13 EURO.

`MOA+125:105.16'`
The taxable amount is 105.16 EURO.

`MOA+131:-2.97'`
The total of all allowances/charges on invoice level is 2.97 EURO.

`MOA+124:16.83'`
The VAT amount is 16.83 EURO.

`MOA+402:219.78'`
Total retail value is 219.78 EURO

`MOA+204:12.99'`
Shrinkage: 12.99 (only fruit/vegetables)

`RFF+AAB:4711'`

Example

The line references to proforma invoice 4711.

```
DTM+171:20180301:102'
```
The document is dated 01.03.2018

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

```
DTM+171:20180301:102'
```
The document is dated 01.03.2018

```
RFF+AAK:4714'
```
The message references to despatch advice number 4714.

```
DTM+171:20180301:102'
```
The document is dated 01.03.2018

```
TAX+7+VAT+ABC123++:::16+S'
```
The VAT rate of the single document is 16%.

```
NAD+DP+4089876511111::9++Warenempfänger-Name 1:Warenempfänger-Name 2:War
enempfänger-Name 3+Maarweg 104+Köln++50825+DE'
```
The delivery party is identified by GLN 4089876511111.

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

```
RFF+IT:9988'
```
The internal customer number is 9988.

```
NAD+FW+4389876511893::9'
```
The forwarder is identified by GLN 4389876511893.

```
ALC+A+Absprache++1+DI'
```
Document discount:

```
QTY+1:12'
```
Quantity discount 12 pieces

```
PCD+3:0.75'
```
0,75%

```
MOA+8:1.65'
```
equals an allowance of 1.65 EURO

```
MOA+25:220'
```
Basis amount: 220 EURO

```
RTE+1:1.25:100:H87'
```
Allowance: 1.25 EURO per 100 pieces

```
UNS+S'
```
Separation of detail- and summary section

```
MOA+77:121.99'
```
The invoice amount is 121.99 EURO.

```
MOA+79:108.13'
```
The total of all net line amounts is 108.13 EURO.

```
MOA+125:105.16'
```
The taxable amount is 105.16 EURO.

```
MOA+131:-2.97'
```

Example

The total of all allowances/charges on invoice level is 2.97 EURO.

`MOA+124:16.83'`
The invoice total VAT amount is 16.83 EURO.

`MOA+402:219.78'`
Total retail value is 219.78 EURO

`TAX+7+VAT+ABC123++:::16+S'`
The amounts based on a tax rate of 16% are:

`MOA+79:108.13'`
The total of all net line amounts is 108.13 EURO.

`MOA+124:16.83'`
The invoice VAT amount is 16.83 EURO.

`MOA+125:105.16'`
The taxable amount/tax rate is 105.16 EURO.

`MOA+131:-2.97'`
The total of all allowances/Charges per tax rate on invoice level is 2,97 EURO

`UNT+90+ME000001'`
The message contains 87 segments.

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