

EANCOM[®] 2002 S3

TAXCON

Tax control message

Edition 2016 Upd. 2021

1. Introduction.....	2
2. Message Structure Chart	3
3. Branching Diagram.....	4
4. Segments Description	6
5. Segments Layout.....	8
6. Example(s)	31

1. Introduction

Status

MESSAGE TYPE : TAXCON
REFERENCE DIRECTORY : D.01B
EANCOM® SUBSET VERSION : 004

Definition

A Tax Control message is used to enable the transmission of information relating to the tax details for an invoice, or a batch / batches of invoice messages (Invoices, Credit Notes, Debit Notes).

This enables the recipient to ensure the completeness of messages, the prevention of duplication, and the generation of control values and reports.

Principles

The tax control message meets the control needs of individual users, or requirements imposed by administrations, in the transmission of multiple messages or groups of messages between commercial users and to an administration.

The tax control message may be sent by a seller to a buyer detailing a batch of invoices, and/or on a period basis a summary of the tax content of that period's invoices.

Additionally the tax control message may be sent from a trading party to a third party, e.g. tax authority, auditor, for information or accounting purposes.

General Notes

Batch Of Invoices

A tax control message detailing a batch of invoices may contain multiple invoice message files which in turn may contain any number of invoices from 1 upwards.

A tax control batch is generated by the sender at the time the batch of invoices is constructed by the in-house application software. The receiver in turn must process the batch at the time the message is entered into the in-house application system.

The tax control details a vat summary for the batch of invoices transmitted between trading partners.

The tax details extracted by the receivers in-house application software should exactly match the details transmitted by the sender. This is of most importance where the tax control message is being used for auditing purposes, either internal or external.

Period Summary

A tax control message detailing a period summary may be generated by either the original sender or receiver using data created from individual batches of invoices during the period and may refer to other tax control messages.

A period summary may cover any time span, e.g., month, quarter and is defined jointly by the parties exchanging the data, or by the party requesting the information from trading parties, e.g. tax authorities.

Use of a period summary is identified through the use of data element 2005 in the DTM segment (segment number 3) immediately after the BGM segment.

The period summaries should exactly match for both trading parties. This is of most importance where the tax control message is being used for auditing purposes, either internal or external.

2. Message Structure Chart



UNA	1	C	1	- Service string advice
UNB	2	M	1	- Interchange header

Tax Control Heading Section

UNH	3	M	1	- Message header
BGM	4	M	1	- Beginning of message
DTM	5	M	5	- Date/time/period
SG1		C	5	- RFF-DTM
RFF	6	M	1	- Reference
DTM	7	C	5	- Date/time/period
SG2		M	5	- NAD-RFF
NAD	8	M	1	- Name and address
RFF	9	C	1	- Reference
UNS	10	M	1	- Section control

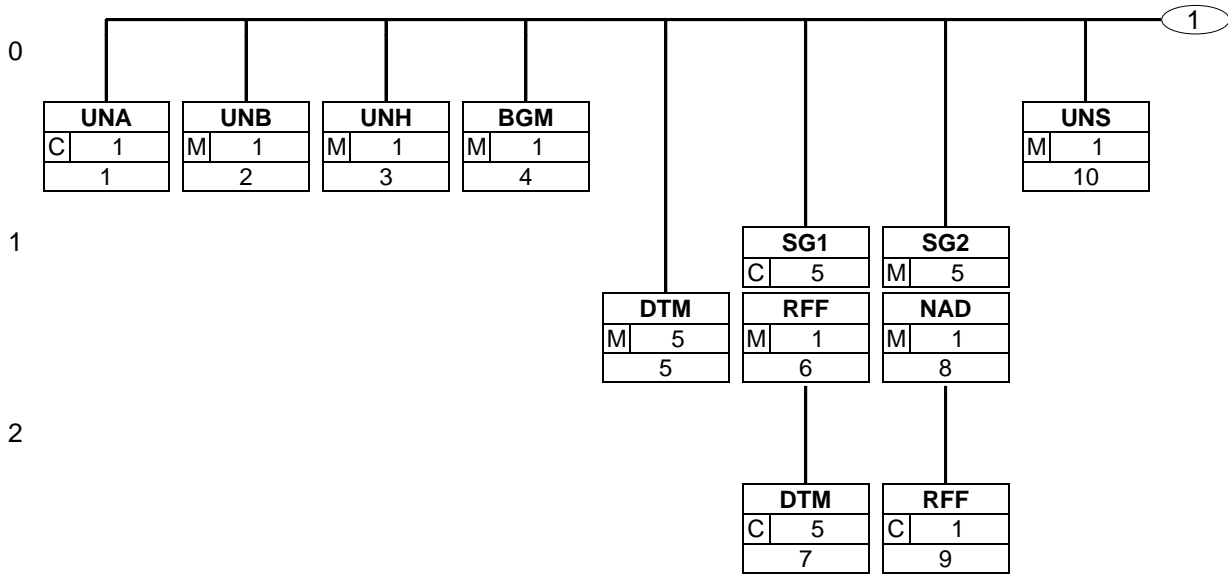
Tax Control Detail Section

SG3		M	9999	- RFF-DTM-SG4
RFF	11	M	1	- Reference
DTM	12	C	5	- Date/time/period
SG4		M	9	- DOC-MOA-CNT-SG5
DOC	13	M	1	- Document/message details
MOA	14	C	9	- Monetary amount
CNT	15	M	1	- Control total
SG5		M	9	- TAX-MOA
TAX	16	M	1	- Duty/tax/fee details
MOA	17	M	3	- Monetary amount

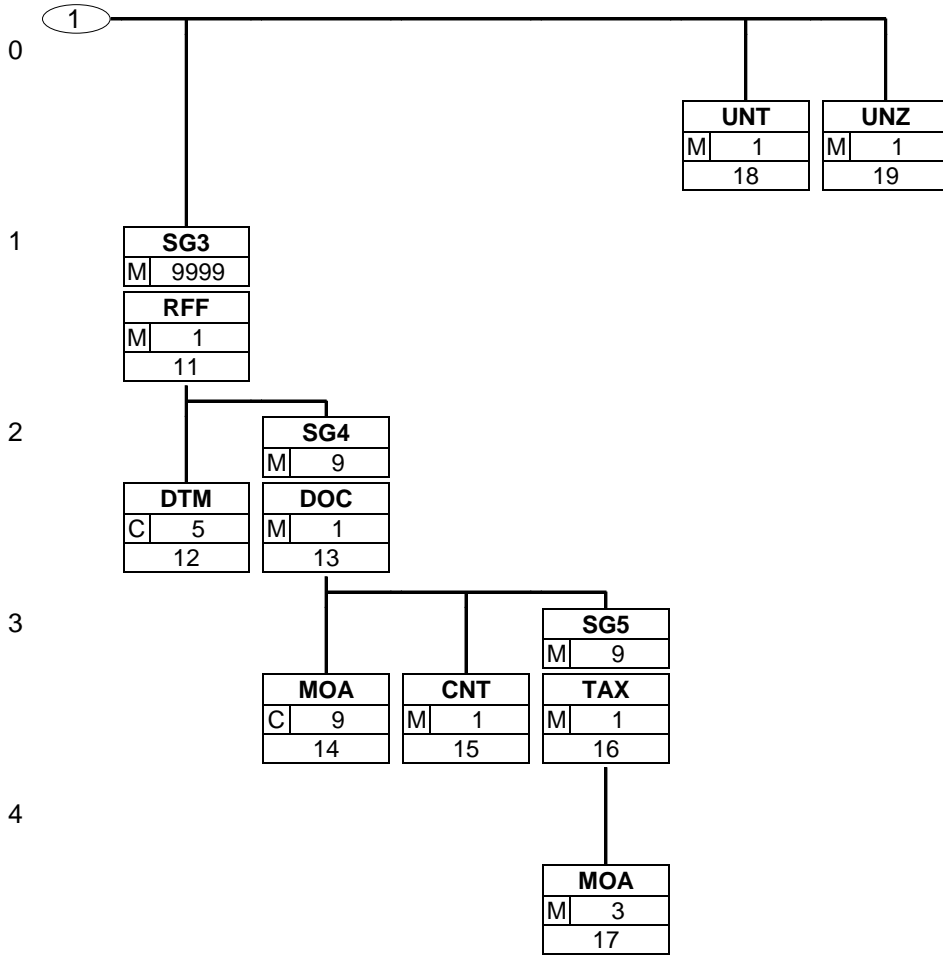
Tax Control Summary Section

UNT	18	M	1	- Message trailer
UNZ	19	M	1	- Interchange trailer

3. Branching Diagram



3. Branching Diagram



4. Segments Description

- UNA - C 1 - Service string advice
The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The same character shall not be used in more than one position of the UNA.
- UNB - M 1 - Interchange header
This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.

Tax Control Heading Section

- UNH - M 1 - Message header
This segment is used to head, identify and specify a message.
- BGM - M 1 - Beginning of message
This segment is used to indicate the type and function of a message and to transmit the identifying number.
- DTM - M 5 - Date/time/period
This segment is used to specify the date or period of the Tax Control message.
- SG1** - C 5 - **RFF-DTM**
A group of segments for giving references and where necessary, their dates, relating to the whole message.
- RFF - M 1 - Reference
This segment is used to specify references which apply to the whole message, e.g. the last TAXCON message exchanged.
- DTM - C 5 - Date/time/period
This segment is used to specify dates relating to the references given in the previous RFF segment.
- SG2** - M 5 - **NAD-RFF**
A group of segments identifying the parties involved in the transaction and, optionally tax reference numbers for the parties.
- NAD - M 1 - Name and address
This segment is used to identify the trading partners exchanging the tax control message. The identification of the buyer and supplier is mandatory in all tax control messages. When the tax control message is used to summarise a period for a third party, e.g. auditor, tax authorities, the party for whom the information is required must also be specified.
- RFF - C 1 - Reference
This segment is used to specify references related to the parties identified in the previous NAD segment.
- UNS - M 1 - Section control
This segment is used to identify the end of the heading section of the message and the start of the detail section of the message.

Tax Control Detail Section

- SG3** - M 9999 - **RFF-DTM-SG4**
A group of segments which carries all the control values. It is triggered by the reference segment and will identify the version of the file which was identified previously in the BGM segment of the Invoice.

4. Segments Description

RFF - M 1	- Reference	This segment is used to identify the invoice file (or files) to which the tax control relates.
DTM - C 5	- Date/time/period	This segment is used to specify dates and times related to the previous RFF segment.
SG4 - M 9	- DOC-MOA-CNT-SG5	A group of segments used to identify the type of document being summarized in the TAXCON, the monetary amounts for each document type, the control values, and the breakdown of tax values.
DOC - M 1	- Document/message details	This segment is used to identify the type of document being referenced, invoice, credit note, etc. This enables the tax types and values within the individual documents to be summarised.
MOA - C 9	- Monetary amount	This segment is used to specify the total amounts due on the document type identified in the previous DOC segment.
CNT - M 1	- Control total	This segment is used to specify the total number of messages/documents being summarised for the document type identified in the DOC segment.
SG5 - M 9	- TAX-MOA	A group of segments used to identify the type of tax and the values due at each rate of tax for the document being summarized.
TAX - M 1	- Duty/tax/fee details	This segment is used to identify the different tax rates included for the document type identified in the DOC segment.
MOA - M 3	- Monetary amount	This segment is used to specify the tax amounts for the tax rate specified in the previous TAX segment.

Tax Control Summary Section

UNT - M 1	- Message trailer	This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.
UNZ - M 1	- Interchange trailer	This segment is used to provide the trailer of an interchange.

5. Segments Layout

This section describes each segment used in the EANCOM® Tax control message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM® subset are indicated.

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the second column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM® specific information is provided in the third, fourth, and fifth columns. In the third column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fourth column the restricted indicator (see point 3 on the following page), and in the fifth column notes and code values used for specific data elements in the message.

- 2.1 (M)andatory data elements in EDIFACT segments retain their status in EANCOM®.
- 2.2 Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

- REQUIRED	R	Indicates that the entity is required and must be sent.
- ADVISED	A	Indicates that the entity is advised or recommended.
- DEPENDENT	D	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
- OPTIONAL	O	Indicates that the entity is optional and may be sent at the discretion of the user.
- NOT USED	N	Indicates that the entity is not used and should be omitted.

- 2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.
3. Status indicators detailed in the fourth column which directly relate to the code values detailed in the fifth **column** may have two values:

- RESTRICTED	*	A data element marked with an asterisk (*) in the fourth column indicates that the listed codes in column five are the only codes available for use with this data element, in this segment, in this message.
- OPEN		All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterisk in fourth column). The available codes are listed in the EANCOM® Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.

4. Different colours are used for the code values in the segment details: restricted codes are in red and open codes in blue.

5. Segments Layout

Segment number: 1

UNA - C 1 - Service string advice					
Function:					
To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.					
		EDIFACT	GS1	*	Description
UNA1	Component data element separator	M an1	M	*	Used as a separator between component data elements contained within a composite data element (default value: ".")
UNA2	Data element separator	M an1	M	*	Used to separate two simple or composite data elements (default value: "+")
UNA3	Decimal notation	M an1	M	*	Used to indicate the character used for decimal notation (default value: ".")
UNA4	Release indicator	M an1	M	*	Used to restore any service character to its original specification (value: "?").
UNA5	Reserved for future use	M an1	M	*	(default value: space)
UNA6	Segment terminator	M an1	M	*	Used to indicate the end of segment data (default value: "' '")

Segment Notes:

The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The same character shall not be used in more than one position of the UNA.

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

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

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

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

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

UNA:+.? '

5. Segments Layout

Segment number: 2

UNB - M 1 - Interchange header					
Function: To start, identify and specify an interchange.					
		EDIFACT	GS1	*	Description
S001	SYNTAX IDENTIFIER	M	M		See Part I chapter 5.2.7 and segment notes.
0001	Syntax identifier	M a4	M	*	UNOA = UN/ECE level A UNOB = UN/ECE level B UNOC = UN/ECE level C UNOD = UN/ECE level D UNOE = UN/ECE level E UNOF = UN/ECE level F
0002	Syntax version number	M n1	M	*	3 = Version 3
S002	INTERCHANGE SENDER	M	M		
0004	Sender identification	M an..35	M		GLN (n13)
0007	Partner identification code qualifier	C an..4	R	*	14 = GS1
0008	Address for reverse routing	C an..14	O		
S003	INTERCHANGE RECIPIENT	M	M		
0010	Recipient identification	M an..35	M		GLN (n13)
0007	Partner identification code qualifier	C an..4	R	*	14 = GS1
0014	Routing address	C an..14	O		
S004	DATE/TIME OF PREPARATION	M	M		
0017	Date of preparation	M n6	M		YYMMDD
0019	Time of preparation	M n4	M		HHMM
0020	Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.
S005	RECIPIENT'S REFERENCE, PASSWORD	C	O		
0022	Recipient's reference/ password	M an..14	M		
0025	Recipient's reference/ password qualifier	C an2	O		
0026	Application reference	C an..14	O		Message identification if the interchange contains only one type of message.
0029	Processing priority code	C a1	O		A = Highest priority
0031	Acknowledgement request	C n1	O		1 = Requested
0032	Communications agreement ID	C an..35	O	*	EANCOM.....
0035	Test indicator	C n1	O		1 = Interchange is a test
Segment Notes:					
This segment is used to envelope the interchange, as well as to identify both, the party to whom the interchange is sent and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which covers one or more letters or documents, and which details, both the address where delivery is to take place and the address from where the envelope has come.					

5. Segments Layout

Segment number: 2

S001: The character encoding specified in basic code table of ISO/IEC 646 (7-bit coded character set for information interchange) shall be used for the interchange service string advice (if used) and up to and including the composite data element S001 'Syntax identifier' in the interchange header. The character repertoire used for the characters in an interchange shall be identified from the code value of data element 0001 in S001 'Syntax identifier' in the interchange header. The character repertoire identified does not apply to objects and/or encrypted data.

The default encoding technique for a particular repertoire shall be the encoding technique defined by its associated character set specification.

DE 0001: The recommended (default) character set for use in EANCOM® for international exchanges is character set A (UNOA). Should users wish to use character sets other than A, an agreement on which set to use should be reached on a bilateral basis before communications begin.

DE 0004, 0008, 0010, 0014, 0042 and 0046: Within EANCOM® the use of the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.

DE 0008: Identification (e.g. a division) specified by the sender of the interchange, to be included if agreed, by the recipient in response interchanges, to facilitate internal routing.

DE 0042: Sub-level of sender internal identification, when further sub-level identification is required.

DE 0014: The address for routing, provided beforehand by the interchange recipient, is used by the interchange sender to inform the recipient of the internal address, within the latter's systems, to which the interchange should be routed. It is recommended that the GLN be used for this purpose.

DE 0007: Identification (e.g. a division) specified by the recipient of the interchange, to be included if agreed, by the sender in response interchanges, to facilitate internal routing.

DE 0046: Sub-level of recipient internal identification, when further sub-level identification is required.

DE S004: The date and time specified in this composite should be the date and time at which the interchange sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to identify uniquely each interchange. Should the interchange sender wish to re-use interchange control reference numbers, it is recommended that each number be preserved for at least a period of three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the interchange sender's identification (DE 0004).

DE S005: The use of passwords must first be agreed bilaterally by the parties exchanging the interchange.

DE 0026: This data element is used to identify the application, on the interchange recipient's system, to which the interchange is directed. This data element may only be used if the interchange contains only one type of message, (e.g. only invoices). The reference used in this data element is assigned by the interchange sender.

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition, the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected due to syntax errors.

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.

UNB+UNOA:3+5412345678908:14+8798765432106:14+020102:1000+12345555++++EANCOMREF 52'

5. Segments Layout

Segment number: 3

UNH - M 1 - Message header					
Function: To head, identify and specify a message.					
		EDIFACT	GS1	*	Description
0062	Message reference number	M an..14	M		Senders unique message reference. Sequence number of messages in the interchange. DE 0062 in the UNT will have the same value. Generated by the sender.
S009	MESSAGE IDENTIFIER	M	M		
0065	Message type	M an..6	M	*	TAXCON = Tax control message
0052	Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054	Message release number	M an..3	M	*	01B = Release 2001 - B
0051	Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057	Association assigned code	C an..6	R	*	EAN004 = GS1 version control number (GS1 Permanent Code) Indicates that the message is the EANCOM version 004 of the Tax Control message.
0068	Common access reference	C an..35	N		
S010	STATUS OF THE TRANSFER	C	N		
0070	Sequence of transfers	M n..2			
0073	First and last transfer	C a1			
<p>Segment Notes:</p> <p>This segment is used to head, identify and specify a message. DE's 0065, 0052, and 0054: Indicate that the message is a Tax Control message based on the EDIFACT D.01B directory.</p> <p>Example: UNH+ME000001+TAXCON:D:01B:UN:EAN004'</p>					

5. Segments Layout

Segment number: 4

BGM - M 1 - Beginning of message					
Function: To indicate the type and function of a message and to transmit the identifying number.					
		EDIFACT	GS1	*	Description
C002	DOCUMENT/MESSAGE NAME	C	R		
1001	Document name code	C an..3	R	*	938 = Tax declaration (general)
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	N		
1000	Document name	C an..35	O		
C106	DOCUMENT/MESSAGE IDENTIFICATION	C	R		
1004	Document identifier	C an..35	R		Tax Control number assigned by the document sender. For global unique identification of documents Global Document Type Identifier (GDTI) is available.
1056	Version identifier	C an..9	N		
1060	Revision identifier	C an..6	N		
1225	Message function code	C an..3	R	*	9 = Original 31 = Copy
4343	Response type code	C an..3	N		
Segment Notes:					
This segment is used to indicate the type and function of a message and to transmit the identifying number. The document number is detailed in DE 1004 other references are detailed in the RFF segment (segment group 1).					
Example: BGM+938+536+9'					

5. Segments Layout

Segment number: 5

DTM - M 5 - Date/time/period					
Function: To specify date, and/or time, or period.					
		EDIFACT	GS1	*	Description
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time 155 = Accounting period start date 156 = Accounting period end date 165 = Tax period start date 166 = Tax period end date 263 = Invoicing period 322 = Accounting period 325 = Tax period For the identification of a tax control to a period one, or a combination of, the following code values must be used, 155, 156, 165, 166, 263, 322 or 325.
2380	Date or time or period value	C an..35	R		
2379	Date or time or period format code	C an..3	R		102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD
Segment Notes: This segment is used to specify the date or period of the Tax Control message. DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message. Example: DTM+137:20020110:102' The Tax Control was generated on the 10th of January 2002. DTM+263:2002010120010131:718' The Tax Control message relates to the invoicing period from the 1st to the 31st of January 2002.					

5. Segments Layout

Segment number: 6

SG1	- C	5 - RFF-DTM			
RFF	- M	1 - Reference			
Function:					
To specify a reference.					
		EDIFACT	GS1	*	Description
C506	REFERENCE	M	M		
1153	Reference code qualifier	M an..3	M		ALT = Previous tax control number
1154	Reference identifier	C an..70	R		
1156	Document line identifier	C an..6	N		
4000	Reference version identifier	C an..35	N		
1060	Revision identifier	C an..6	N		
Segment Notes:					
This segment is used to specify references which apply to the whole message, e.g. the last TAXCON message exchanged.					
Example:					
RFF+ALT:535'					

5. Segments Layout

Segment number: 7

SG1	- C	5 - RFF-DTM		
DTM	- C	5 - Date/time/period		
Function: To specify date, and/or time, or period.				
	EDIFACT	GS1	*	Description
C507	DATE/TIME/PERIOD	M	M	
2005	Date or time or period function code qualifier	M an..3	M	* 171 = Reference date/time Code value 171 relates to the issue date of the reference.
2380	Date or time or period value	C an..35	R	
2379	Date or time or period format code	C an..3	R	102 = CCYYMMDD 718 = CCYYMMDD-CCYYMMDD
Segment Notes: This segment is used to specify dates relating to the references given in the previous RFF segment. Example: DTM+171:20021228:102'				

5. Segments Layout

Segment number: 8

SG2	- M	5 - NAD-RFF			
NAD	- M	1 - Name and address			
Function:					
To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.					
		EDIFACT	GS1	*	Description
3035	Party function code qualifier	M an..3	M		AB = Buyer's agent/representative BY = Buyer SR = Supplier's agent/representative SU = Supplier TC = Tax collector's office The values AB, SR, and TC should only be used when the tax control is being used for period summary purposes and the message is to be issued to a third party..
C082	PARTY IDENTIFICATION DETAILS	C	A		
3039	Party identifier	M an..35	M		For the identification of parties it is recommended to use GLN - Format n13.
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	R	*	9 = GS1
C058	NAME AND ADDRESS	C	O		This composite may only be used to fulfill the requirements of directive 2003/58/EC, article 4.
3124	Name and address description	M an..35	M		
3124	Name and address description	C an..35	O		
3124	Name and address description	C an..35	O		
3124	Name and address description	C an..35	O		
3124	Name and address description	C an..35	O		
C080	PARTY NAME	C	D		
3036	Party name	M an..35	M		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3036	Party name	C an..35	O		
3045	Party name format code	C an..3	O		
C059	STREET	C	D		
3042	Street and number or post office box identifier	M an..35	M		
3042	Street and number or post office box identifier	C an..35	O		
3042	Street and number or post office box identifier	C an..35	O		
3042	Street and number or post office box identifier	C an..35	O		
3164	City name	C an..35	D		

5. Segments Layout

Segment number: 8

	EDIFACT	GS1	*	Description
C819 COUNTRY SUB-ENTITY DETAILS	C	D		
3229 Country sub-entity name code	C an..9	O		
1131 Code list identification code	C an..17	O		
3055 Code list responsible agency code	C an..3	O		
3228 Country sub-entity name	C an..70	O		
3251 Postal identification code	C an..17	D		
3207 Country name code	C an..3	D		ISO 3166 two alpha code

Segment Notes:

This segment is used to identify the trading partners exchanging the tax control message. The identification of the buyer and supplier is mandatory in all tax control messages. When the tax control message is used to summarise a period for a third party, e.g. auditor, tax authorities, the party for whom the information is required must also be specified.

Example:

NAD+SU+5412345000013:::9'
 NAD+BY+4012345500004:::9'

Dependency Notes:

The following composites and data elements are only used when a coded name and address can not be used.

The affected composites and data elements are as follows:

C080 - C059 - 3164 - C819 - 3251 - 3207

5. Segments Layout

Segment number: 9

SG2	- M	5 - NAD-RFF			
RFF	- C	1 - Reference			
Function: To specify a reference.					
		EDIFACT	GS1	*	Description
C506	REFERENCE	M	M		
1153	Reference code qualifier	M an..3	M	*	FC = Fiscal number GN = Government reference number VA = VAT registration number XA = Company/place registration number YC1 = Additional party identification (GS1 Temporary Code)
1154	Reference identifier	C an..70	R		
1156	Document line identifier	C an..6	N		
4000	Reference version identifier	C an..35	N		
1060	Revision identifier	C an..6	N		
Segment Notes: This segment is used to specify references related to the parties identified in the previous NAD segment. Vat Registered Numbers quoted here must be the same as the numbers used in the invoice, or batch of invoices, to which the tax control refers. Example: RFF+VA:VR123554'					

5. Segments Layout

Segment number: 10

UNS - M 1 - Section control					
Function: To separate header, detail and summary sections of a message.					
Notes: 1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned.					
	EDIFACT	GS1	*	Description	
0081	Section identification	M a1	M	*	D = Header/detail section separation
Segment Notes: This segment is used to identify the end of the heading section of the message and the start of the detail section of the message.					
Example: UNS+D'					

5. Segments Layout

Segment number: 11

SG3	- M	9999 - RFF-DTM-SG4			
RFF	- M	1 - Reference			
Function: To specify a reference.					
		EDIFACT	GS1	*	Description
C506	REFERENCE	M	M		
1153	Reference code qualifier	M an..3	M	*	ALL = Message batch number
1154	Reference identifier	C an..70	R		This data element must be used to indicate the original message batch number(s) (specified in the RFF segment (segment group 1) of the original invoice message) for each interchange to which the tax control relates. A separate occurrence of this segment must be used for each interchange being summarised.
1156	Document line identifier	C an..6	N		
4000	Reference version identifier	C an..35	N		
1060	Revision identifier	C an..6	N		
Segment Notes: This segment is used to identify the invoice file (or files) to which the tax control relates. This segment is the trigger segment for the message detail section and must appear at least once in the message. Example: RFF+ALL:211'					

5. Segments Layout

Segment number: 12

SG3	- M	9999 - RFF-DTM-SG4			
DTM	- C	5 - Date/time/period			
Function: To specify date, and/or time, or period.					
		EDIFACT	GS1	*	Description
C507	DATE/TIME/PERIOD	M	M		
2005	Date or time or period function code qualifier	M an..3	M	*	171 = Reference date/time
2380	Date or time or period value	C an..35	R		The date specified here should be the date and time of the message batch number of the interchange being summarised. In the original invoice message this information appeared in the DTM segment immediately after the RFF segment (segment group 1).
2379	Date or time or period format code	C an..3	R		102 = CCYYMMDD 203 = CCYYMMDDHHMM 718 = CCYYMMDD-CCYYMMDD
Segment Notes: This segment is used to specify dates and times related to the previous RFF segment. Example: DTM+171:20020910:102'					

5. Segments Layout

Segment number: 13

SG3	- M	9999 - RFF-DTM-SG4			
SG4	- M	9 - DOC-MOA-CNT-SG5			
DOC	- M	1 - Document/message details			
Function:					
To identify documents and details directly related to it.					
		EDIFACT	GS1	*	Description
C002	DOCUMENT/MESSAGE NAME	M	M		
1001	Document name code	C an..3	R	*	82 = Metered services invoice 83 = Credit note related to financial adjustments 84 = Debit note related to financial adjustments 325 = Proforma invoice 380 = Commercial invoice 381 = Credit note - goods and services 383 = Debit note - goods and services 385 = Consolidated invoice 386 = Prepayment invoice 393 = Factored invoice
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	N		
1000	Document name	C an..35	N		
C503	DOCUMENT/MESSAGE DETAILS	C	N		
1004	Document identifier	C an..35			
1373	Document status code	C an..3			
1366	Document source description	C an..70			
3453	Language name code	C an..3			
1056	Version identifier	C an..9			
1060	Revision identifier	C an..6			
3153	Communication medium type code	C an..3	N		
1220	Document copies required quantity	C n..2	N		
1218	Document originals required quantity	C n..2	N		
Segment Notes:					
This segment is used to identify the type of document being referenced, invoice, credit note, etc. This enables the tax types and values within the individual documents to be summarised.					
Example: DOC+380'					

5. Segments Layout

Segment number: 14

SG3	- M	9999 - RFF-DTM-SG4			
SG4	- M	9 - DOC-MOA-CNT-SG5			
MOA	- C	9 - Monetary amount			
Function: To specify a monetary amount.					
		EDIFACT	GS1	*	Description
C516	MONETARY AMOUNT	M	M		
5025	Monetary amount type code qualifier	M an..3	M	*	39 = Invoice total amount 125 = Taxable amount 128 = Total amount
5004	Monetary amount	C n..35	R		The value specified should always be excluding taxes. The tax and taxable amounts are specified in segment group 5 following.
6345	Currency identification code	C an..3	O		ISO 4217 three alpha code
6343	Currency type code qualifier	C an..3	O		4 = Invoicing currency
4405	Status description code	C an..3	N		
Segment Notes: This segment is used to specify the total amounts due on the document type identified in the previous DOC segment. Example: MOA+128:65231:EUR'					

5. Segments Layout

Segment number: 15

SG3	- M	9999 - RFF-DTM-SG4			
SG4	- M	9 - DOC-MOA-CNT-SG5			
CNT	- M	1 - Control total			
Function: To provide control total.					
		EDIFACT	GS1	*	Description
C270	CONTROL	M	M		
6069	Control total type code qualifier	M an..3	M	*	31 = Number of messages
6066	Control total value	M n..18	M		
6411	Measurement unit code	C an..3	O		
Segment Notes: This segment is used to specify the total number of messages/documents being summarised for the document type identified in the DOC segment. Example: CNT+31:52'					

5. Segments Layout

Segment number: 16

SG3	- M	9999 - RFF-DTM-SG4
SG4	- M	9 - DOC-MOA-CNT-SG5
SG5	- M	9 - TAX-MOA
TAX	- M	1 - Duty/tax/fee details

Function:
 To specify relevant duty/tax/fee information.

	EDIFACT	GS1	*	Description	
5283	Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax
C241	DUTY/TAX/FEE TYPE	C	D		
5153	Duty or tax or fee type name code	C an..3	O		GST = Goods and services tax VAT = Value added tax
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D		
5152	Duty or tax or fee type name	C an..35	O		
C533	DUTY/TAX/FEE ACCOUNT DETAIL	C	O		
5289	Duty or tax or fee account code	M an..6	M		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D		
5286	Duty or tax or fee assessment basis value	C an..15	O		
C243	DUTY/TAX/FEE DETAIL	C	A		
5279	Duty or tax or fee rate code	C an..7	O		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D		
5278	Duty or tax or fee rate	C an..17	R		
5273	Duty or tax or fee rate basis code	C an..12	O		
1131	Code list identification code	C an..17	O		
3055	Code list responsible agency code	C an..3	D		
5305	Duty or tax or fee category code	C an..3	D		A = Mixed tax rate E = Exempt from tax S = Standard rate
3446	Party tax identifier	C an..20	O		
1227	Calculation sequence code	C an..3	N		

Segment Notes:
 This segment is used to identify the different tax rates included for the document type identified in the DOC segment.

Example:

5. Segments Layout

Segment number: 16

TAX+7+VAT+++:::12.5+S'

Dependency notes:

DE C241 and 5305: Tax types and categories will vary from country to country. They should be defined by national guidelines.

5. Segments Layout

Segment number: 17

SG3	- M	9999 - RFF-DTM-SG4
SG4	- M	9 - DOC-MOA-CNT-SG5
SG5	- M	9 - TAX-MOA
MOA	- M	3 - Monetary amount

Function:
 To specify a monetary amount.

	EDIFACT	GS1	*	Description	
C516	MONETARY AMOUNT	M	M		
5025	Monetary amount type code qualifier	M an..3	M	*	124 = Tax amount 125 = Taxable amount
5004	Monetary amount	C n..35	R		
6345	Currency identification code	C an..3	O		ISO 4217 three alpha code
6343	Currency type code qualifier	C an..3	O		4 = Invoicing currency
4405	Status description code	C an..3	N		

Segment Notes:
 This segment is used to specify the tax amounts for the tax rate specified in the previous TAX segment.

Example:
 MOA+124:2531.11:EUR'

5. Segments Layout

Segment number: 18

UNT - M 1 - Message trailer					
Function: To end and check the completeness of a message.					
		EDIFACT	GS1	*	Description
0074	Number of segments in the message	M n..6	M		The total number of segments in the message is specified here.
0062	Message reference number	M an..14	M		The message reference numbered detailed here should equal the one specified in the UNH segment.
Segment Notes: This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message. Example: UNT+18+ME000001'					

5. Segments Layout

Segment number: 19

UNZ - M 1 - Interchange trailer					
Function: To end and check the completeness of an interchange.					
		EDIFACT	GS1	*	Description
0036	Interchange control count	M n..6	M		Number of messages or functional groups within an interchange.
0020	Interchange control reference	M an..14	M		Identical to DE 0020 in UNB segment.
Segment Notes: This segment is used to provide the trailer of an interchange. UNZ+5+1234555' DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange.					

6. Examples

The following is an example of a simple Tax Control message between a seller identified by GLN 5412345000013 (VAT ref: 19853344) and a buyer identified by GLN 4012345500004 (VAT ref: VR123555).

The message has reference number 536 and it was generated on the 10th of January 2002.

The message relates to message batch number 237 dated on the 10th of January 2002. The tax control summarises 15 commercial invoices with a total value of the invoices of 65231 Euros.

The rate of taxes applicable to the total amount are as follows:

10%	to	22600
12.5%	to	28350
21%	to	14281

UNH+ME000001+TAXCON:D:01B:EN:EAN004'	Message header
BGM+938+536+9'	Tax control number 536
DTM+137:20020110:102'	Message date is 10th of January 2002
NAD+SU+5412345000013::9'	Supplier is identified by GLN 5412345000013
RFF+VA:1985334'	Supplier's VAT number is 19853344
NAD+BY+4012345500004::9'	Buyer is identified by GLN 4012345500004
RFF+VA:VR123555'	Buyer's VAT number is VR123555
UNS+D'	Message header/detail separation
RFF+ALL:237'	Tax control relates to message batch number 237
DTM+171:20020110:102'	Date of batch is 10th of January 2002
DOC+380'	Batch relates to commercial invoices
MOA+39:65231:EUR'	Invoice value of batch is 65231 EUR
CNT+31:15'	Total value relates to 15 invoices
TAX+7+VAT+++:::10+S'	First rate of VAT is 10%
MOA+125:22600:EUR'	22600 EUR is subject to 10% VAT
TAX+7+VAT+++:::12.5+S'	Second rate of VAT is 12.5%
MOA+125:28350:EUR'	28350 EUR is subject to 12.5% VAT
TAX+7+VAT+++:::21+S'	Third rate of VAT is 21%
MOA+125:14281:EUR'	14281 EUR is subject to 21% VAT
UNT+20+ME000001'	Total number of segments in the message equals 20

Note:

The EDI interchange will include the UNB..UNZ segments and, if applicable, the UNG..UNE segments. (See part 1

6. Examples

section 5.7).