

Based on and conforming to UN/Edifact D05B INVOIC Guidelines

(inclusive of EU Directive requirements regarding
electronic invoice transmission issued prior to release date
of this document)

Issue Number: 1
Issued by: TE Connectivity Information Systems
Global EDI Services - Emea team
Issue Date: 20-Nov-2007
Target audience: TE Suppliers sending simple commercial invoices
via EDI. This specification does not currently cover
Debit Notes, Credit Notes or Self-Billing.

Revision History

Date	Issued by	Ref	Notes
20-Nov-2007	TE EDI	1	First issue of D05B, replaces all prior message versions

INVOIC Invoice Message

Introduction:

A message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer.

The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages. Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice/Credit Note/Debit Note'.

Notes:

For TE Connectivity the specification covers normal Purchase Order based Invoices transmitted from Suppliers to TE.

General Syntax

- Date formats are always in format CCYYMMDD unless specified with a time where format CCYYMMDDHHMM should be used
- Monetary values should be 2 decimal places maximum
- Unused segments are not listed but unused elements are to aid data mapping and testing

Example Message

- PO Based invoice, 2 PO items, no charges, National trade (no export) with Vat rate at 20%.

```
UNH+1+INVOIC:D:05B:UN'  
BGM+380+12345678+9'  
DTM+137:20071031:102'  
ALI+DE'  
NAD+BY+12345678::91++TE Connectivity in DE++++DE1234+DE'  
RFF+VA:DE1234567890'  
CTA+PD+N71:Buyer name'  
COM+00491111111:TE'  
NAD+SE+23456789::92++A Supplier in DE++++DE6789+DE'  
RFF+VA:DE456789'  
CTA+AD+:Accounting contact'  
CTA+SR+:Sales contact'  
COM+sales rep@seller.co.de:EM'  
CUX+2:EUR:4'  
LIN+1++987654321:BP'  
PIA+1+SUP123456:SA'  
IMD+++:::Product Description'  
QTY+47:500'  
MOA+38:2000'  
PRI+AAB:4.00:::1:PCE'  
RFF+ON:555555555:0010'  
DTM+171:20071130:102'  
RFF+AAK:222222222'  
TAX+7+VAT++++:::20+S'  
MOA+124:400'  
LIN+2++54321111:BP'
```



PIA+1+SUP666666:SA'
 IMD+++:::Product Description 2'
 QTY+47:100'
 MOA+38:600'
 PRI+AAB:6.00:::1:PCE'
 RFF+ON:55555555:0020'
 DTM+171:20071130:102'
 RFF+AAK:33333333'
 DTM+171:20071205:102'
 TAX+7+VAT+++:::20+S'
 MOA+124:120'
 UNS+S'
 MOA+86:3120::4'
 MOA+125:2600::4'
 MOA+176:520::4'
 MOA+79:3120::4'
 MOA+136:0::4'
 MOA+165:0::4'
 MOA+403:0::4'
 TAX+7+VAT+++:::20+S'
 MOA+124:520'
 UNT+48+1'

Heading Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	0010	UNH	Message Header	M	1		
M	0020	BGM	Beginning of Message	M	1		
M	0030	DTM	Date/Time/Period	M	35		
	0050	ALI	Additional Information	C	5		
	0120		Segment Group 1: RFF	C		99999	
M	0130	RFF	Reference	M	1		
	0220		Segment Group 2: NAD-SG3-SG5	C		99	
M	0230	NAD	Name and Address	M	1		
	0270		Segment Group 3: RFF	C		9999	
M	0280	RFF	Reference	M	1		
	0330		Segment Group 5: CTA-COM	C		5	
M	0340	CTA	Contact Information	M	1		
	0350	COM	Communication Contact	C	5		
	0400		Segment Group 7: CUX-DTM	C		99	
M	0410	CUX	Currencies	M	1		
	0420	DTM	Date/Time/Period	C	5		

Detail Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	1090		Segment Group 26: LIN-PIA-IMD-QTY-ALI-SG27-SG29-SG30-SG34-SG39	C		9999999	
M	1100	LIN	Line Item	M	1		
	1110	PIA	Additional Product Id	C	25		
	1130	IMD	Item Description	C	99		
	1150	QTY	Quantity	C	5		
	1170	ALI	Additional Information	C	5		



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	1250		Segment Group 27: MOA	C	99	
M	1260	MOA	Monetary Amount	M	1	
	1330		Segment Group 29: PRI	C	25	
M	1340	PRI	Price Details	M	1	
	1390		Segment Group 30: RFF-DTM	C	10	
M	1400	RFF	Reference	M	1	
	1410	DTM	Date/Time/Period	C	5	
	1550		Segment Group 34: TAX-MOA	C	99	
M	1560	TAX	Duty/Tax/Fee Details	M	1	
	1570	MOA	Monetary Amount	C	2	
	1720		Segment Group 39: ALC-SG42-SG44	C	30	
M	1730	ALC	Allowance or Charge	M	1	
	1830		Segment Group 42: MOA	C	2	
M	1840	MOA	Monetary Amount	M	1	
	1910		Segment Group 44: TAX-MOA	C	5	
M	1920	TAX	Duty/Tax/Fee Details	M	1	
	1930	MOA	Monetary Amount	C	2	

Section Control:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	2180	UNS	Section Control	M	1		

Summary Section:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
M	2200		Segment Group 50: MOA	M		100	
M	2210	MOA	Monetary Amount	M	1		
	2250		Segment Group 52: TAX-MOA	C		10	
M	2260	TAX	Duty/Tax/Fee Details	M	1		
	2270	MOA	Monetary Amount	C	9		
M	2330	UNT	Message Trailer	M	1		

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC.

Note: Invoice messages conforming to this document must contain the following data in segment UNH, composite S009:
 Data element 0065 INVOIC 0052 D 0054 05B
 0051 UN

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: UNH+1+INVOIC:D:05B:UN'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
M	0062		MESSAGE REFERENCE NUMBER	M	1	an..14
			Unique message reference assigned by the sender.			
M	S009		MESSAGE IDENTIFIER	M	1	
			Identification of the type, version etc. of the message being interchanged.			
M		0065	Message type identifier	M		an..6
			Code identifying a type of message and assigned by its controlling agency.			
			Value = "INVOIC"			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
M		0052	Message type version number	M		an..3
			Version number of a message type.			
			Value = "D"			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
M		0054	Message type release number	M		an..3
			Release number within the current message type version number (0052).			
			Value = "05B"			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
M		0051	Controlling agency	M		an..2
			Code identifying the agency controlling the specification, maintenance and publication of the message type.			
			Value = "UN"			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used		0057	Association assigned code	C		an..6
			Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
Not Used	0068		COMMON ACCESS REFERENCE	C	1	an..35
			Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			
Not Used	S010		STATUS OF THE TRANSFER	C	1	



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Not Used	0070	Statement that the message is one in a sequence of transfers relating to the same topic. Sequence message transfer number	M	n..2
Not Used	0073	Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic. First/last sequence message transfer indication	C	a1

Indication used for the first and last message in a sequence of the same type of message relating to the same topic.
Refer to D.05B Data Element Dictionary for acceptable code values.

Segment: **BGM** Beginning of Message
Position: 0020
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

Dependency Notes:
Semantic Notes:
Comments:
Notes: Example: BGM+380+12345678+9'

		Data Element Summary			
		Data Element	Component Element	Name	
		C002		DOCUMENT/MESSAGE NAME	C 1
				Identification of a type of document/message by code or name. Code preferred.	
		C002	1001	Document name code	C an..3
				Code specifying the document name. Value = "380" (Commercial Invoice)	
Not Used		C002	1131	Code list identification code	C an..17
				Refer to D.05B Data Element Dictionary for acceptable code values.	
Not Used		C002	3055	Code list responsible agency code	C an..3
				Code identifying a user or association maintained code list.	
		C002	1000	Document name	C an..35
				Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values. Name of a document.	
		C106		DOCUMENT/MESSAGE IDENTIFICATION	C 1
				Identification of a document/message by its number and eventually its version or revision.	
Not Used		C106	1004	Document identifier	C an..35
				To identify a document. Senders Invoice Number	
Not Used		C106	1056	Version identifier	C an..9
				To identify a version.	
Not Used		C106	1060	Revision identifier	C an..6
				To identify a revision.	
		1225		MESSAGE FUNCTION CODE	C 1 an..3
				Code indicating the function of the message. Value = "9" (Original)	
Not Used		1225		Refer to D.05B Data Element Dictionary for acceptable code values.	
			4343	RESPONSE TYPE CODE	C 1 an..3
		4343		Code specifying the type of acknowledgment required or transmitted. Refer to D.05B Data Element Dictionary for acceptable code values.	

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date".
 The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PYT Segment group.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: DTM+137:20071031:102'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C507		DATE/TIME/PERIOD	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	Date or time or period function code qualifier	M	an..3
			Code qualifying the function of a date, time or period. Value = "137" (Document Date / Time also equals Invoice date / time) Refer to D.05B Data Element Dictionary for acceptable code values.		
		2380	Date or time or period text	C	an..35
			The value of a date, a date and time, a time or of a period in a specified representation. Date = CCYYMMDD format Date / Time = CCYYMMDDHHMM format		
		2379	Date or time or period format code	C	an..3
			Code specifying the representation of a date, time or period. Value = "102" for CCYYMMDD Value = "203" for CCYYMMDDHHMM Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **ALI** Additional Information
Position: 0050
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment indicating special conditions related to the total invoice owing to origin, customs preference or other commercial factors.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Use to specify country-of-origin for all products in the invoice should they be the same origin otherwise specify at item level, If omitted then item level ALI must be present.

Example: ALI+DE'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
	3239		COUNTRY OF ORIGIN NAME CODE	C	1	an..3
			Code specifying the name of the country of origin. 2 character ISO country code e.g. "DE"			
Not Used	9213		DUTY REGIME TYPE CODE	C	1	an..3
			Code specifying a type of duty regime. Refer to D.05B Data Element Dictionary for acceptable code values.			
	4183		SPECIAL CONDITION CODE	C	1	an..3
			Code specifying a special condition. An indication for customs of the type of contract under which goods are supplied. Used by AIAG in business with North America. Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used	4183		SPECIAL CONDITION CODE	C	1	an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used	4183		SPECIAL CONDITION CODE	C	1	an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used	4183		SPECIAL CONDITION CODE	C	1	an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.			

Segment: **RFF** Reference
Position: 0130 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Used to specify references which relate to the whole invoice

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C506		REFERENCE Identification of a reference.	M	1
M		1153	Reference code qualifier Code qualifying a reference. Value = "ON" (Buyer's Order number) - optional Value = "DQ" (Delivery Note number) - optional Value = "AAK" (Application Ref Number - for grouping Invoices) - optional Example: RFF+ON:2450000001:0010' Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
		1154	Reference identifier Identifies a reference.	C	an..70
		1156	Document line identifier To identify a line of a document. Document line item number where appropriate	C	an..6
Not Used		4000	Reference version identifier To identify the version of a reference.	C	an..35
Not Used		1060	Revision identifier To identify a revision.	C	an..6

Segment: **NAD** Name and Address
Position: 0230 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice.

Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Even though the buyer and seller are known to each other the new EU Invoice Directive requires that certain fields be completed (see element definitions) in addition to the simple party codes.

Examples:

NAD+BY+12345678::91++TE Connectivity in DE++++DE1234+DE'

NAD+SE+23456789::92++A Supplier in DE++++DE6789+DE'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
M	3035		PARTY FUNCTION CODE QUALIFIER	M	1	an..3
			Code giving specific meaning to a party. Value "BY" = Buyer (Mandatory) Value "SE" = Supplier / Seller (Mandatory) Value "II" = Issuer of Invoice (Optional, use if different to supplier) Value "IV" = Invoicee (Optional, use if different to buyer) Value "ST" = Ship-to (Optional, use if different to buyers address) Value "UD" = Ultimate Customer (Optional) Value "LC" = Party declaring VAT (Optional but used where company has VAT registration with an appointed agent) Refer to D.05B Data Element Dictionary for acceptable code values.			
		C082	PARTY IDENTIFICATION DETAILS	C	1	
			Identification of a transaction party by code.			
M		3039	Party identifier	M		an..35
			Code specifying the identity of a party.			
Not Used		1131	Code list identification code	C		an..17
			Code identifying a user or association maintained code list.			
		3055	Code list responsible agency code	C		an..3
			Code specifying the agency responsible for a code list. Value = "91" (Assigned by Seller) Value = "92" (Assigned by Buyer)			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used		C058	NAME AND ADDRESS	C	1	
			Unstructured name and address: one to five lines.			

Not Used	3124	Name and address description	M	an..35	
		Free form description of a name and address line.			
Not Used	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
Not Used	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
Not Used	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
Not Used	3124	Name and address description	C	an..35	
		Free form description of a name and address line.			
	C080	PARTY NAME	C	1	
		Identification of a transaction party by name, one to five lines. Party name may be formatted.			
M	3036	Party name	M	an..35	
		Name of a party.			
		Required by new EU Invoice directive			
	3036	Party name	C	an..35	
		Name of a party.			
		See also comments for 3036-1			
Not Used	3036	Party name	C	an..35	
		Name of a party.			
Not Used	3036	Party name	C	an..35	
		Name of a party.			
Not Used	3036	Party name	C	an..35	
		Name of a party.			
Not Used	3045	Party name format code	C	an..3	
		Name of a party.			
		Code specifying the representation of a party name.			
		Refer to D.05B Data Element Dictionary for acceptable code values.			
	C059	STREET	C	1	
		Street address and/or PO Box number in a structured address: one to four lines.			
M	3042	Street and number or post office box identifier	M	an..35	
		To identify a street and number and/or Post Office box number.			
	3042	Street and number or post office box identifier	C	an..35	
		To identify a street and number and/or Post Office box number.			
Not Used	3042	Street and number or post office box identifier	C	an..35	
		To identify a street and number and/or Post Office box number.			
Not Used	3042	Street and number or post office box identifier	C	an..35	
		To identify a street and number and/or Post Office box number.			
	3164	CITY NAME	C	1 an..35	
		Name of a city.			
	C819	COUNTRY SUB-ENTITY DETAILS	C	1	
		To specify a part of a country (eg state, region, county or part of a city).			

3229	Country sub-entity name code	C	an..9
	Code specifying the name of a country sub-entity.		
1131	Code list identification code	C	an..17
	Code identifying a user or association maintained code list.		
3055	Code list responsible agency code	C	an..3
	Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.		
3228	Country sub-entity name	C	an..70
	Name of a country sub-entity.		
3251	POSTAL IDENTIFICATION CODE	C	1 an..17
	Code specifying the postal zone or address. Required by new EU Invoice directive		
3207	COUNTRY NAME CODE	C	1 an..3
	Identification of the name of the country or other geographical entity as defined in ISO 3166-1. ISO 3166 2 alpha code - Required by new EU Invoice directive		

Segment: **RFF** Reference
Position: 0280 (Trigger Segment)
Group: Segment Group 3 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.
 At least VA must be present as required by new EU Invoice directive

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: RFF+VA:DE1234567890'

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C506		REFERENCE Identification of a reference.	M	1
M		1153	Reference code qualifier Code qualifying a reference. Value = "VA" (VAT Number) - mandatory Value = "FC" (Fiscal Number) - optional Value = "XA" (Company / Place Registration Number) - optional Value = "AHP" (Tax Registration Number) - optional Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
Not Used		1154	Reference identifier Identifies a reference.	C	an..70
Not Used		1156	Document line identifier To identify a line of a document.	C	an..6
Not Used		4000	Reference version identifier To identify the version of a reference.	C	an..35
Not Used		1060	Revision identifier To identify a revision.	C	an..6

Segment: **CTA** Contact Information
Position: 0340 (Trigger Segment)
Group: Segment Group 5 (Contact Information) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to identify a person or department, and their function, to whom communications should be directed.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Examples:

CTA+PD+N71:Buyer name'
 CTA+AD+:Accounting contact'

Data Element Summary			
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>
	3139		CONTACT FUNCTION CODE C 1 an..3 Code specifying the function of a contact (e.g. department or person). Value = "AD" (Accounting Contact) - Optional for NAD+SE Value = "PD" (Purchasing Contact) - Optional for NAD+BY Value = "SR" (Sales Contact) - Optional for NAD+SE Refer to D.05B Data Element Dictionary for acceptable code values.
	C056		DEPARTMENT OR EMPLOYEE DETAILS C 1 Code and/or name of a department or employee. Code preferred.
		3413	Department or employee name code C an..17 Code specifying the name of a department or employee.
		3412	Department or employee name C an..35 Name of a department or employee.

Segment: **COM** Communication Contact
Position: 0350
Group: Segment Group 5 (Contact Information) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment to identify a communications type and number for the contact specified in the CTA segment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: COM+0049-123-45678:TE'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C076		COMMUNICATION CONTACT	M	3
			Communication number of a department or employee in a specified channel.		
M		3148	Communication address identifier	M	an..512
			To identify a communication address.		
M		3155	Communication address code qualifier	M	an..3
			Code qualifying the communication address.		
			Value = "EM" (Email address)		
			Value = "FX" (Fax Number)		
			Value = "TE" (Telephone Number)		
			Value = "AL" (Cell / Mobile Phone Number)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **CUX** Currencies
Position: 0410 (Trigger Segment)
Group: Segment Group 7 (Currencies) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.

Dependency Notes:

Semantic Notes:

Comments:

Notes: CUX with Invoice currency is required. Home currency and exchange rate are required when the currencies differ.

Examples:

CUX+2:EUR:4'
CUX+2:EUR:4+3:SEK:3+9.99'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
	C504		CURRENCY DETAILS	C	1
			The usage to which a currency relates.		
M		6347	Currency usage code qualifier	M	an..3
			Code qualifying the usage of a currency.		
			Value = "2" (Reference Currency / Invoicing Currency - applicable to amounts stated in Invoice)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		6345	Currency identification code	C	an..3
			Code specifying a monetary unit. ISO 4217 three character alpha code.		
		6343	Currency type code qualifier	C	an..3
			Code qualifying the type of currency.		
			Value = "4" (Invoicing currency)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used		6348	Currency rate	C	n..4
			To specify the value of the multiplication factor used in expressing currency units.		
	C504		CURRENCY DETAILS	C	1
			The usage to which a currency relates. Target currency		
M		6347	Currency usage code qualifier	M	an..3
			Code qualifying the usage of a currency.		
			Value = "3" (Target Currency / Home Currency - applicable to amounts stated in Invoice)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		6345	Currency identification code	C	an..3
			Code specifying a monetary unit.		
		6343	Currency type code qualifier	C	an..3
			Code qualifying the type of currency.		
			Value = "3" (Home currency)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		6348	Currency rate	C	n..4

	5402	To specify the value of the multiplication factor used in expressing currency units. CURRENCY EXCHANGE RATE	C	1	n..12
Not Used	6341	To specify the rate at which one specified currency is expressed in another specified currency. EXCHANGE RATE CURRENCY MARKET IDENTIFIER	C	1	an..3
		To identify an exchange rate currency market. Refer to D.05B Data Element Dictionary for acceptable code values.			

Segment: **DTM** Date/Time/Period
Position: 0420
Group: Segment Group 7 (Currencies) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time/period related to the rate of exchange.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Required when specifying two currencies

Example: DTM+134:20071130:102'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C507		DATE/TIME/PERIOD	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	Date or time or period function code qualifier	M	an..3
			Code qualifying the function of a date, time or period. Value = "134" (Rate of exchange date / time)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		2380	Date or time or period text	C	an..35
			The value of a date, a date and time, a time or of a period in a specified representation.		
		2379	Date or time or period format code	C	an..3
			Code specifying the representation of a date, time or period. Value = "102" (CCYYMMDD)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **LIN** Line Item
Position: 1100 (Trigger Segment)
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Buyer's artical number

Example: LIN+1++987654321:BP'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	C	1	an..6
	1082		LINE ITEM IDENTIFIER To identify a line item.	C	1	an..6
			Sequential number generated by sender to identify each line item within the message.			
Not Used	1229		ACTION REQUEST/NOTIFICATION DESCRIPTION CODE Code specifying the action to be taken or already taken. Refer to D.05B Data Element Dictionary for acceptable code values.	C	1	an..3
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	1	
		7140	Item identifier To identify an item. Value = Buyer's material number	C		an..35
		7143	Item type identification code Coded identification of an item type. Value = "EN" (EAN Number) - Optional Value = "BP" (Buyers Artical Number) - Mandatory Value = "UP" (UPC Code) - Optional	C		an..3
			Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used		1131	Code list identification code	C		an..17
			Code identifying a user or association maintained code list.			
Not Used		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.	C		an..3
Not Used	C829		SUB-LINE INFORMATION	C	1	
			To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified.			
Not Used		5495	Sub-line indicator code Code indicating a sub-line item.	C		an..3

Not Used	1082	<p>Refer to D.05B Data Element Dictionary for acceptable code values.</p> <p>Line item identifier</p>	C	an..6
		<p>To identify a line item.</p>		
Not Used	1222	CONFIGURATION LEVEL NUMBER	C	1 n..2
		<p>To specify a level within a configuration.</p>		
Not Used	7083	CONFIGURATION OPERATION CODE	C	1 an..3
		<p>Code specifying the configuration operation.</p> <p>Refer to D.05B Data Element Dictionary for acceptable code values.</p>		

Segment: **PIA** Additional Product Id
Position: 1110
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: PIA+1+SUP123456:SA'

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	M	1
M	4347		PRODUCT IDENTIFIER CODE QUALIFIER Code qualifying the product identifier. Value = "1" (Additional Identifier - Supplier's Part Number) Value = "4" (Substitute Part Number) - Optional Value = "5" (Product Identification) - Optional Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M	1
		7140	Item identifier To identify an item.	C	an..35
		7143	Item type identification code Coded identification of an item type. Value = "SA" (Supplier's Part Number) Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
Not Used		1131	Code list identification code Code identifying a user or association maintained code list.	C	an..17
Not Used		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
Not Used	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	1
Not Used		7140	Item identifier To identify an item.	C	an..35
Not Used		7143	Item type identification code Coded identification of an item type. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
Not Used		1131	Code list identification code Code identifying a user or association maintained code list.	C	an..17
Not Used		3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C	an..3

Not Used	C212	Refer to D.05B Data Element Dictionary for acceptable code values. ITEM NUMBER IDENTIFICATION	C	1
Not Used	7140	Goods identification for a specified source. Item identifier	C	an..35
Not Used	7143	To identify an item. Item type identification code	C	an..3
Not Used	1131	Coded identification of an item type. Refer to D.05B Data Element Dictionary for acceptable code values. Code list identification code	C	an..17
Not Used	3055	Code identifying a user or association maintained code list. Code list responsible agency code	C	an..3
Not Used	C212	Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values. ITEM NUMBER IDENTIFICATION	C	1
Not Used	7140	Goods identification for a specified source. Item identifier	C	an..35
Not Used	7143	To identify an item. Item type identification code	C	an..3
Not Used	1131	Coded identification of an item type. Refer to D.05B Data Element Dictionary for acceptable code values. Code list identification code	C	an..17
Not Used	3055	Code identifying a user or association maintained code list. Code list responsible agency code	C	an..3
Not Used	C212	Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values. ITEM NUMBER IDENTIFICATION	C	1
Not Used	7140	Goods identification for a specified source. Item identifier	C	an..35
Not Used	7143	To identify an item. Item type identification code	C	an..3
Not Used	1131	Coded identification of an item type. Refer to D.05B Data Element Dictionary for acceptable code values. Code list identification code	C	an..17
Not Used	3055	Code identifying a user or association maintained code list. Code list responsible agency code	C	an..3

Segment: **IMD** Item Description
Position: 1130
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment for describing the product or service being invoiced as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: IMD+++::Product Description'

Data Element Summary					
	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
Not Used	7077		DESCRIPTION FORMAT CODE	C	1 an..3
			Code specifying the format of a description. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	C272		ITEM CHARACTERISTIC	C	1
			To provide the characteristic of the item being described.		
Not Used		7081	Item characteristic code	C	an..3
			Code specifying the characteristic of an item. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used		1131	Code list identification code	C	an..17
			Code identifying a user or association maintained code list.		
Not Used		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.		
	C273		ITEM DESCRIPTION	C	1
			Description of an item.		
Not Used		7009	Item description code	C	an..17
			Code specifying an item. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used		1131	Code list identification code	C	an..17
			Code identifying a user or association maintained code list.		
Not Used		3055	Code list responsible agency code	C	an..3
			Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.		
		7008	Item description	C	an..256
			Free form description of an item.		
			Plain text description of artical or service - Required by EU Invoice directive		
		7008	Item description	C	an..256



			Free form description of an item.		
		3453	Language name code	C	an..3
			Code specifying the language name. Use ISO 639-1988		
Not Used	7383		SURFACE OR LAYER CODE	C	1 an..3
			Code specifying the surface or layer of an object. Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **QTY** Quantity
Position: 1150
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment identifying the product quantities e.g. invoiced quantity.
Dependency Notes:
Semantic Notes:
Comments:
Notes: Example: QTY+47:500'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C186		QUANTITY DETAILS	M	1
			Quantity information in a transaction, qualified when relevant.		
M		6063	Quantity type code qualifier	M	an..3
			Code qualifying the type of quantity.		
			Value = "47" (Invoice Qty) - Required by EU Invoice directive		
			Value = "12" (Despatched Qty) - Optional		
			Value = "48" (Received Qty) - Optional		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
M		6060	Quantity	M	an..35
			Alphanumeric representation of a quantity.		
		6411	Measurement unit code	C	an..8
			Code specifying the unit of measurement.		

Segment: **ALI** Additional Information
Position: 1170
Group: Segment Group 26 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment indicating that the line item is subject to special conditions owing to origin, customs preference, embargo regulations or commercial factors.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Use if different to header level

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
	3239		COUNTRY OF ORIGIN NAME CODE	C	1 an..3
			Code specifying the name of the country of origin.		
Not Used	9213		DUTY REGIME TYPE CODE	C	1 an..3
			Code specifying a type of duty regime. Refer to D.05B Data Element Dictionary for acceptable code values.		
	4183		SPECIAL CONDITION CODE	C	1 an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	4183		SPECIAL CONDITION CODE	C	1 an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	4183		SPECIAL CONDITION CODE	C	1 an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	4183		SPECIAL CONDITION CODE	C	1 an..3
			Code specifying a special condition. Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **MOA** Monetary Amount
Position: 1260 (Trigger Segment)
Group: Segment Group 27 (Monetary Amount) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Total Line Item Amount = (price * qty)

Example: MOA+38:2000'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C516		MONETARY AMOUNT	M	1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier	M	an..3
			Code qualifying the type of monetary amount. Value = "38" (Qty * Unit price) in currency units		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		5004	Monetary amount	C	n..35
			To specify a monetary amount.		
		6345	Currency identification code	C	an..3
			Code specifying a monetary unit. ISO 4217 three alpha		
			Refer to CUX Invoice currency		
Not Used		6343	Currency type code qualifier	C	an..3
			Code qualifying the type of currency. Value = "4" (Invoicing currency) Value = "10" (Pricing currency) Value = "11" (Payment currency)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used		4405	Status description code	C	an..3
			Code specifying a status. Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **PRI** Price Details
Position: 1340 (Trigger Segment)
Group: Segment Group 29 (Price Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price specification code".

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: PRI+AAB:4.00:::1:PCE'

Data Element Summary					
	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
<u>Attributes</u>	C509		PRICE INFORMATION Identification of price type, price and related details.	C	1
M		5125	Price code qualifier Code qualifying a price. Value = "AAB" (Calculation gross) i.e. Gross price to which allowances and charges must be applied. ALC mandatory in this case. Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
		5118	Price amount To specify a price. Unit gross price in currency units	C	n..15
		5375	Price type code Code specifying the type of price. Value = "AE" (Range Dependent Price - specific range of purchased qtys) Value = "CA" (Catalogue Price) Value = "CT" (Contract Price) Value = "DI" (Distributor Price) Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
Not Used		5387	Price specification code Code identifying pricing specification. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
		5284	Unit price basis quantity To specify the basis for a unit price. Default 1 if not present. Other common values 1, 10, 100, 1000.	C	n..9
		6411	Measurement unit code Code specifying the unit of measurement.	C	an..8
Not Used	5213		SUB-LINE ITEM PRICE CHANGE OPERATION CODE Code specifying the price change operation for a sub- line item. Refer to D.05B Data Element Dictionary for acceptable code values.	C	1 an..3

Segment: **RFF** Reference
Position: 1400 (Trigger Segment)
Group: Segment Group 30 (Reference) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: RFF+ON:555555555'

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C506		REFERENCE Identification of a reference.	M	1
M		1153	Reference code qualifier Code qualifying a reference. Value = "ON" (Order number Buyer) - Required Value = "AAK" (Despatch Advice Number) – Required Value = "AAJ" (Delivery Note) Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
		1154	Reference identifier Identifies a reference. Buyer's Order Number or Supplier's Despatch Number	C	an..70
Not Used		4000	Reference version identifier To identify the version of a reference.	C	an..35
Not Used		1060	Revision identifier To identify a revision.	C	an..6

Segment: **DTM** Date/Time/Period
Position: 1410
Group: Segment Group 30 (Reference) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: DTM+171:20071130:102'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C507		DATE/TIME/PERIOD	M	1
			Date and/or time, or period relevant to the specified date/time/period type.		
M		2005	Date or time or period function code qualifier	M	an..3
			Code qualifying the function of a date, time or period.		
			Value = "171" (Reference date/Time)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		2380	Date or time or period text	C	an..35
			The value of a date, a date and time, a time or of a period in a specified representation.		
			CCYYMMDD		
		2379	Date or time or period format code	C	an..3
			Code specifying the representation of a date, time or period.		
			Value = "102"		
			Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **TAX** Duty/Tax/Fee Details
Position: 1560 (Trigger Segment)
Group: Segment Group 34 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption, relating to the line item.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

See also header level TAX segment for element details

Example: TAX+7+VAT+++:::20+S'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
M	5283		DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER	M	1	an..3
			Code qualifying the function of a duty or tax or fee.			
			Value = "7" (Tax)			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
	C241		DUTY/TAX/FEE TYPE	C	1	
			Code and/or name identifying duty, tax or fee.			
		5153	Duty or tax or fee type name code	C		an..3
			Code specifying a type of duty, tax or fee.			
			Value = "EXC" (Excise Duty)			
			Value = "GST" (Goods and Services Tax)			
			Value = "IMP" (Import Tax)			
			Value = "OTH" (Other Tax)			
			Value = "VAT" (Value Added Tax)			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used		1131	Code list identification code	C		an..17
			Code identifying a user or association maintained code list.			
Not Used		3055	Code list responsible agency code	C		an..3
			Code specifying the agency responsible for a code list.			
			Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used		5152	Duty or tax or fee type name	C		an..35
			Name of a type of duty, tax or fee.			
Not Used	C533		DUTY/TAX/FEE ACCOUNT DETAIL	C	1	
			Indication of account reference for duties, taxes and/or fees.			
Not Used		5289	Duty or tax or fee account code	M		an..6
			Code specifying a duty or tax or fee account.			
Not Used		1131	Code list identification code	C		an..17
			Code identifying a user or association maintained code list.			
Not Used		3055	Code list responsible agency code	C		an..3
			Code specifying the agency responsible for a code list.			

		Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	5286	DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	C	1 an..15
		To specify the basis on which a duty or tax or fee will be assessed.		
	C243	DUTY/TAX/FEE DETAIL	C	1
		Rate of duty/tax/fee applicable to commodities or of tax applicable to services.		
Not Used	5279	Duty or tax or fee rate code	C	an..7
		Code specifying a rate of a duty or tax or fee.		
Not Used	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
Not Used	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.05B Data Element Dictionary for acceptable code values.		
	5278	Duty or tax or fee rate	C	an..17
		Rate of a duty or tax or fee.		
		Max 3 decimals		
Not Used	5273	Duty or tax or fee rate basis code	C	an..12
		Code specifying the basis for a duty or tax or fee rate.		
		Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
Not Used	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list.		
		Refer to D.05B Data Element Dictionary for acceptable code values.		
	5305	DUTY OR TAX OR FEE CATEGORY CODE	C	1 an..3
		Code specifying a duty or tax or fee category.		
		Value = "E" (Exempt)		
		Value = "G" (Free Export item, tax not charged)		
		Value = "H" (Higher rate)		
		Value = "S" (Standard rate)		
		value = "Z" (Zero rated)		
		Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	3446	PARTY TAX IDENTIFIER	C	1 an..20
		To identify a number assigned to a party by a tax authority.		
Not Used	1227	CALCULATION SEQUENCE CODE	C	1 an..3
		Code specifying a calculation sequence.		
		Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **MOA** Monetary Amount
Position: 1570
Group: Segment Group 34 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the amount for the identified tax/fee.
 See header level element values

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example: MOA+124:500'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
<u>Attributes</u>					
M	C516		MONETARY AMOUNT	M	1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier	M	an..3
			Code qualifying the type of monetary amount.		
			Value = "124" (Tax Amount)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		5004	Monetary amount	C	n..35
			To specify a monetary amount.		
Not Used		6345	Currency identification code	C	an..3
			Code specifying a monetary unit.		
Not Used		6343	Currency type code qualifier	C	an..3
			Code qualifying the type of currency.		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used		4405	Status description code	C	an..3
			Code specifying a status.		
			Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **ALC** Allowance or Charge
Position: 1730 (Trigger Segment)
Group: Segment Group 39 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary its calculation sequence.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Examples: ALC+C++++ABO'

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	5463		ALLOWANCE OR CHARGE CODE QUALIFIER	M	1 an..3
			Code qualifying an allowance or charge.		
			Value = "A" (Allowance - deduction in form of a rate, amount, percentage or quantity to the price or amount charged for a product)		
			Value = "C" (Charge - addition in form of a rate, amount, percentage or quantity to the price or amount charged for a product)		
			Value = "N" (No Allowance or Charge)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	C552		ALLOWANCE/CHARGE INFORMATION	C	1
			Identification of allowance/charge information by number and/or code.		
Not Used		1230	Allowance or charge identifier	C	an..35
			To identify an allowance or charge.		
Not Used		5189	Allowance or charge identification code	C	an..3
			Code specifying the identification of an allowance or charge.		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	4471		SETTLEMENT MEANS CODE	C	1 an..3
			Code specifying the means of settlement.		
			Value = used only if 5463 = "C" (Charge)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	1227		CALCULATION SEQUENCE CODE	C	1 an..3
			Code specifying a calculation sequence.		
			Value = "1" if same base price always used to calculate allowances or charges		
			Value = Incremented if calculations are applied to fluctuating price		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
	C214		SPECIAL SERVICES IDENTIFICATION	C	1
			Identification of a special service by a code from a specified source or by description.		
			Used only if buyer knows the type of allowance or charge and transmission has been agreed between parties		
		7161	Special service description code	C	an..3
			Code specifying a special service.		
			Values from Un/Edifact code list e.g. ABO (Air Freight Charge)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		

Not Used	1131	Code list identification code	C	an..17
	Code identifying a user or association maintained code list.			
Not Used	3055	Code list responsible agency code	C	an..3
	Code specifying the agency responsible for a code list. Value = "6" (UN/ECE) Value = "8" (Edifice) Value = "227" (Joint Automotive Industry Group) etc Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used	7160	Special service description	C	an..35
	Free form description of a special service.			
Not Used	7160	Special service description	C	an..35
	Free form description of a special service.			

Segment: **MOA** Monetary Amount
Position: 1840 (Trigger Segment)
Group: Segment Group 42 (Monetary Amount) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
 See header MOA element valuse

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example: MOA+8:15'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
Attributes					
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	1
M		5025	Monetary amount type code qualifier Code qualifying the type of monetary amount. Value = "8" (Allowance or charge amount) Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
		5004	Monetary amount To specify a monetary amount.	C	n..35
Not Used		6345	Currency identification code Code specifying a monetary unit.	C	an..3
Not Used		6343	Currency type code qualifier Code qualifying the type of currency. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
Not Used		4405	Status description code Code specifying a status. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3

Segment: **TAX** Duty/Tax/Fee Details
Position: 1920 (Trigger Segment)
Group: Segment Group 44 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type, category, and rate, or exemption, related to the allowance or charge.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example: TAX+7+++:::20+S'

		Data Element Summary			
		Data Element	Component Element	Name	
<u>Attributes</u>					
M	5283			DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER	M 1 an..3
				Code qualifying the function of a duty or tax or fee. Refer to D.05B Data Element Dictionary for acceptable code values.	
	C241			DUTY/TAX/FEE TYPE	C 1
				Code and/or name identifying duty, tax or fee.	
		5153		Duty or tax or fee type name code	C an..3
				Code specifying a type of duty, tax or fee. Refer to D.05B Data Element Dictionary for acceptable code values.	
Not Used		1131		Code list identification code	C an..17
				Code identifying a user or association maintained code list.	
Not Used		3055		Code list responsible agency code	C an..3
				Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.	
Not Used		5152		Duty or tax or fee type name	C an..35
				Name of a type of duty, tax or fee.	
Not Used	C533			DUTY/TAX/FEE ACCOUNT DETAIL	C 1
				Indication of account reference for duties, taxes and/or fees.	
Not Used		5289		Duty or tax or fee account code	M an..6
				Code specifying a duty or tax or fee account.	
Not Used		1131		Code list identification code	C an..17
				Code identifying a user or association maintained code list.	
Not Used		3055		Code list responsible agency code	C an..3
				Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.	
Not Used	5286			DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	C 1 an..15
				To specify the basis on which a duty or tax or fee will be assessed.	
	C243			DUTY/TAX/FEE DETAIL	C 1
				Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	



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Not Used	5279	Duty or tax or fee rate code	C	an..7	
		Code specifying a rate of a duty or tax or fee.			
Not Used	1131	Code list identification code	C	an..17	
		Code identifying a user or association maintained code list.			
Not Used	3055	Code list responsible agency code	C	an..3	
		Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.			
	5278	Duty or tax or fee rate	C	an..17	
		Rate of a duty or tax or fee.			
Not Used	5273	Duty or tax or fee rate basis code	C	an..12	
		Code specifying the basis for a duty or tax or fee rate. Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used	1131	Code list identification code	C	an..17	
		Code identifying a user or association maintained code list.			
Not Used	3055	Code list responsible agency code	C	an..3	
		Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.			
	5305	DUTY OR TAX OR FEE CATEGORY CODE	C	1 an..3	
		Code specifying a duty or tax or fee category. Refer to D.05B Data Element Dictionary for acceptable code values.			
Not Used	3446	PARTY TAX IDENTIFIER	C	1 an..20	
		To identify a number assigned to a party by a tax authority.			
Not Used	1227	CALCULATION SEQUENCE CODE	C	1 an..3	
		Code specifying a calculation sequence. Refer to D.05B Data Element Dictionary for acceptable code values.			

Segment: **MOA** Monetary Amount
Position: 1930
Group: Segment Group 44 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 4
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the amount for the allowance or charge.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example: MOA+124:3'

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	1
M		5025	Monetary amount type code qualifier Code qualifying the type of monetary amount. Refer to D.05B Data Element Dictionary for acceptable code values.	M	an..3
		5004	Monetary amount To specify a monetary amount.	C	n..35
Not Used		6345	Currency identification code Code specifying a monetary unit.	C	an..3
Not Used		6343	Currency type code qualifier Code qualifying the type of currency. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3
Not Used		4405	Status description code Code specifying a status. Refer to D.05B Data Element Dictionary for acceptable code values.	C	an..3



Segment: **UNS** Section Control
Position: 2180
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A mandatory service segment placed before the first user segment in the summary section to avoid segment collision.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: UNS+S'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	0081		SECTION IDENTIFIER	M	1 a1
			A character identifying the next section in a message. Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **MOA Monetary Amount**
Position: 2210 (Trigger Segment)
Group: Segment Group 50 (Monetary Amount) Mandatory
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Define multiple segments for each currency where differing currencies exist and relationship between the currencies has been pre-defined in the CUX segment.

Examples:

```

MOA+86:1500::4'
MOA+86:800::3'
MOA+125:900::4'
MOA+125:300::3'
MOA+176:120::4'
MOA+176:30.56::3'
MOA+79:1500::4'
MOA+136:250::4'
MOA+165:-150.78::4'
MOA+403:500::4'
  
```

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C516		MONETARY AMOUNT	M	1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier	M	an..3
			Code qualifying the type of monetary amount.		
			Value = "86" (Invoice total amount) = Sum of line item amounts (qual 79), additional amounts (136), taxes (176), adjustments (165)		
			Value = "125" (Taxable amount)		
			Value = "176" (Tax amount)		
			Value = "79" (Sum all line item amounts)		
			Value = "136" (Total additional amount)		
			Value = "165" (Adjustment amount)		
			Value = "342" (Non taxable amount)		
			Value = "403" (Exemption amount)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		5004	Monetary amount	C	n..35
			To specify a monetary amount.		
			Max 2 decimals		
			Use minus sign to denote negative numbers as appropriate in qual 165 (adjustments)		
		6345	Currency identification code	C	an..3

		Code specifying a monetary unit.		
		Use CUX to define relationship between home and invoice currency		
	6343	Currency type code qualifier	C	an..3
		Code qualifying the type of currency.		
		Value = "4" (Invoicing currency) - used for all qualifiers		
		Value = "3" (Home currency) - used as appropriate for qual 77, 125, 176		
		Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	4405	Status description code	C	an..3
		Code specifying a status.		
		Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **TAX** Duty/Tax/Fee Details
Position: 2260 (Trigger Segment)
Group: Segment Group 52 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type to be summarized.
 Repeats once per tax or duty rate on complete invoice e.g. for 3 different VAT rates. See header TAX segment for element values

Dependency Notes:

Semantic Notes:

Comments:

Notes: Any exemption from tax must be detailed

Example: TAX.....

Data Element Summary						
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	M	1	an..3
M	5283		DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER Code qualifying the function of a duty or tax or fee. Value = "7" (Tax) Refer to D.05B Data Element Dictionary for acceptable code values.	M	1	an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	1	
		5153	Duty or tax or fee type name code Code specifying a type of duty, tax or fee. See Edifact codes for full list Example VAT (Value Added tax), STT (State / provincial Tax) Refer to D.05B Data Element Dictionary for acceptable code values.	C		an..3
Not Used		1131	Code list identification code Code identifying a user or association maintained code list.	C		an..17
Not Used		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.	C		an..3
Not Used		5152	Duty or tax or fee type name Name of a type of duty, tax or fee.	C		an..35
Not Used	C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	1	
Not Used		5289	Duty or tax or fee account code Code specifying a duty or tax or fee account.	M		an..6
Not Used		1131	Code list identification code Code identifying a user or association maintained code list.	C		an..17
Not Used		3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.	C		an..3

Not Used	5286	DUTY OR TAX OR FEE ASSESSMENT BASIS QUANTITY	C	1 an..15
		To specify the basis on which a duty or tax or fee will be assessed.		
	C243	DUTY/TAX/FEE DETAIL	C	1
		Rate of duty/tax/fee applicable to commodities or of tax applicable to services. Expressed as percentage e.g. 17.5 to represent 17.5% or 0.00 to represent zero rate / exemption		
Not Used	5279	Duty or tax or fee rate code	C	an..7
		Code specifying a rate of a duty or tax or fee.		
Not Used	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
Not Used	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.		
	5278	Duty or tax or fee rate	C	an..17
		Rate of a duty or tax or fee. Any valid Edifact code specifying tax category e.g. S = Standard rate tax		
Not Used	5273	Duty or tax or fee rate basis code	C	an..12
		Code specifying the basis for a duty or tax or fee rate. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	1131	Code list identification code	C	an..17
		Code identifying a user or association maintained code list.		
Not Used	3055	Code list responsible agency code	C	an..3
		Code specifying the agency responsible for a code list. Refer to D.05B Data Element Dictionary for acceptable code values.		
	5305	DUTY OR TAX OR FEE CATEGORY CODE	C	1 an..3
		Code specifying a duty or tax or fee category. Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used	3446	PARTY TAX IDENTIFIER	C	1 an..20
		To identify a number assigned to a party by a tax authority.		
Not Used	1227	CALCULATION SEQUENCE CODE	C	1 an..3
		Code specifying a calculation sequence. Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **MOA** Monetary Amount
Position: 2270
Group: Segment Group 52 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9
Purpose: A segment specifying the summary amount for the tax specified.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example: MOA+124:520'

Data Element Summary					
<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>		
M	C516		MONETARY AMOUNT	M	1
			Amount of goods or services stated as a monetary amount in a specified currency.		
M		5025	Monetary amount type code qualifier	M	an..3
			Code qualifying the type of monetary amount.		
			Value = "124" (Tax amount)		
			Value = "125" (Taxable amount)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
		5004	Monetary amount	C	n..35
			To specify a monetary amount.		
		6345	Currency identification code	C	an..3
			Code specifying a monetary unit.		
		6343	Currency type code qualifier	C	an..3
			Code qualifying the type of currency.		
			Value = "4" (Invoice currency)		
			Refer to D.05B Data Element Dictionary for acceptable code values.		
Not Used		4405	Status description code	C	an..3
			Code specifying a status.		
			Refer to D.05B Data Element Dictionary for acceptable code values.		

Segment: **UNT** Message Trailer
Position: 2330
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Dependency Notes:

Semantic Notes:

Comments:

Notes: Example: UNT+48+1'

Data Element Summary

<u>Attributes</u>	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>			
M	0074		NUMBER OF SEGMENTS IN A MESSAGE	M	1	n..6
			Control count of number of segments in a message.			
M	0062		MESSAGE REFERENCE NUMBER	M	1	an..14
			Unique message reference assigned by the sender.			