



Functional information for outbound Invoice

EDIFACT - INVOIC

ANSI X12 - 810

Micron has created a standard electronic invoice document format. This standard format includes specific details from the purchase order that was received by the Micron SAP system, as well as billing specific data. The use of this standardized format will allow faster implementations with our customers, and a more accurate exchange of data between our systems. Above and beyond the standard from the original order (PO number, material, order quantity, ship date, price), Micron also includes the following in our invoice transmissions:

Transaction Type: While Micron will most often send invoices and debit memos electronically, the EDI standards also allow for Credit Memos to be sent electronically, the transaction type will indicate if the transmitted data is a debit or a credit.

Currency Code: By default Micron sends invoices in USD (US Dollar). If the original order was loaded into the Micron system in a currency other than USD, then additional currency and exchange rate information can be included in the invoice transmission.

Reference Numbers: Additional reference numbers (Carrier Reference, Customer Reference, Vendor Number and Vendor Order Number) can be included in the transmission.

Name and address information (Bill-to, Ship-to, Selling Party, Remit-to): The Bill-to and Ship-to information will reference the bill-to and ship-to data that were loaded at the time of order creation. The Selling Party will be the Micron business entity that is selling the production (these data segments may also include specific vendor number information, if required). The Remit-to data indicates the recipient of any payment made on a given invoice.

Terms of Sale: Indicates Invoice payment terms, including net days, discount amounts and discount percentages, if applicable.

Shipped Date: Indicates the date the product physically shipped from a Micron facility or the date that change of ownership occurred on consignment goods.

Line Level Reference: Delivery Reference number (Delivery Note Number) can be included for the invoiced data.

Monetary Amount: Total dollar amount of the debit or credit.

Tax Information: List of tax amount charged, and any applicable tax percentage information.

810 Invoice

Functional Group ID=**IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
M	010	ST	Transaction Set Header	M	1	
M	020	BIG	Beginning Segment for Invoice	M	1	
	040	CUR	Currency	O	1	
	050	REF	Reference Identification	O	12	
LOOP ID - N1						200
	070	N1	Name	O	1	
	080	N2	Additional Name Information	O	2	
	090	N3	Address Information	O	2	
	100	N4	Geographic Location	O	1	
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	140	DTM	Date/Time Reference	O	10	

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
LOOP ID - IT1						200000
	010	IT1	Baseline Item Data (Invoice)	O	1	
LOOP ID - PID						1000
	060	PID	Product/Item Description	O	1	
	120	REF	Reference Identification	O	>1	

Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
M	010	TDS	Total Monetary Value Summary	M	1	
	020	TXI	Tax Information	O	10	
	070	CTT	Transaction Totals	O	1	
M	080	SE	Transaction Set Trailer	M	1	

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Business Rules: Variable Name: STST

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			810 Invoice	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set	
			functional group assigned by the originator for a transaction set	

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Attributes</u>
M	BIG01	373	Date Date expressed as CCYYMMDD	M DT 8/8
M	BIG02	76	Invoice Number Identifying number assigned by issuer	M AN 1/22
	BIG03	373	Date Date expressed as CCYYMMDD	O DT 8/8
	BIG04	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	O AN 1/22
	BIG07	640	Transaction Type Code Code specifying the type of transaction CR Credit Memo DI Debit Invoice DR Debit Memo	O ID 2/2
	BIG08	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	O ID 2/2

Segment: **CUR** Currency
Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	CUR01	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			BT Bill-to-Party	
			BY Buying Party (Purchaser)	
			SE Selling Party	
M	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
	CUR03	280	Exchange Rate	O R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	

Segment: **REF** **Reference Identification**
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification CN Carrier's Reference Number (PRO/Invoice) CR Customer Reference Number IA Internal Vendor Number VN Vendor Order Number	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30

Segment: **N1** Name
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			BT Bill-to-Party	
			BY Buying Party (Purchaser)	
			RI Remit To	
			ST Ship To	
	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		91	Assigned by Seller or Seller's Agent	
		92	Assigned by Buyer or Buyer's Agent	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	

Segment: **N2** Additional Name Information
Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

Segment: **N3** Address Information
Position: 090
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment: **N4** Geographic Location
Position: 100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	Country Code	O ID 2/3
		Code identifying the country	

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 130
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify terms of sale

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		01 Basic	
ITD02	333	Terms Basis Date Code	O ID 1/2
		Code identifying the beginning of the terms period	
		3 Invoice Date	
ITD03	338	Terms Discount Percent	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
ITD05	351	Terms Discount Days Due	X N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned	
ITD06	446	Terms Net Due Date	O DT 8/8
		Date when total invoice amount becomes due expressed in format CCYYMMDD	
ITD07	386	Terms Net Days	O N0 1/3
		Number of days until total invoice amount is due (discount not applicable)	
ITD08	362	Terms Discount Amount	O N2 1/10
		Total amount of terms discount	
ITD12	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
			011 Shipped	
	DTM02	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Data Element Summary			
Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
IT101	350	Assigned Identification	O AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
IT102	358	Quantity Invoiced	X R 1/10
		Number of units invoiced (supplier units)	
IT103	355	Unit or Basis for Measurement Code	X ID 2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
		EA Each	
IT104	212	Unit Price	X R 1/17
		Price per unit of product, service, commodity, etc.	
IT105	639	Basis of Unit Price Code	O ID 2/2
		Code identifying the type of unit price for an item	
		PE Price per Each	
IT106	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		VP Vendor's (Seller's) Part Number	
IT107	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT108	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		BP Buyer's Part Number	
IT109	234	Product/Service ID	X AN 1/48
		Identifying number for a product or service	
IT110	235	Product/Service ID Qualifier	X ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		UP U.P.C. Consumer Package Code (1-5-5-1)	

IT111	234	Product/Service ID	X	AN 1/48
		Identifying number for a product or service		

Segment: **PID** Product/Item Description
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format

Data Element Summary				
	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	PID01	349	Item Description Type	M ID 1/1
			Code indicating the format of a description	
			F Free-form	
	PID05	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **REF** **Reference Identification**
Position: 120
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification KK Delivery Reference	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts

Data Element Summary

	Ref.	Data		Attributes
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	TDS01	610	Amount	M N2 1/15
			Monetary amount	

Segment: **TXI** Tax Information
Position: 020
Loop:
Level: Summary
Usage: Optional
Max Use: 10
Purpose: To specify tax information

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	TXI01	963	Tax Type Code	M ID 2/2
			Code specifying the type of tax	
			TX All Taxes	
			Total of all applicable taxes	
	TXI02	782	Monetary Amount	X R 1/18
			Monetary amount	
	TXI03	954	Percent	X R 1/10
			Percentage expressed as a decimal	
	TXI10	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	

Segment: **CTT** Transaction Totals
Position: 070
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	

Example:

-.0018 First occurrence of value being hashed.

.18 Second occurrence of value being hashed.

1.8 Third occurrence of value being hashed.

18.01 Fourth occurrence of value being hashed.

1855 Hash total prior to truncation.

855 Hash total after truncation to three-digit field.

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

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'.

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>
M	0010	UNH	Message Header	M	1	
M	0020	BGM	Beginning of Message	M	1	
M	0030	DTM	Date/Time/Period	M	35	
	0200		Segment Group 2: NAD-SG3-SG5	C		99
M	0210	NAD	Name and Address	M	1	
	0240		Segment Group 3: RFF	C		9999
M	0250	RFF	Reference	M	1	
	0300		Segment Group 5: CTA	C		5
M	0310	CTA	Contact Information	M	1	
	0370		Segment Group 7: CUX	C		5
M	0380	CUX	Currencies	M	1	
	0400		Segment Group 8: PAT	C		10
M	0410	PAT	Payment Terms Basis	M	1	

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>
	1030		Segment Group 25: LIN-PIA-QTY-SG26-SG28-SG29-SG33-SG38	C		9999999
M	1040	LIN	Line Item	M	1	
	1050	PIA	Additional Product Id	C	25	
	1080	QTY	Quantity	C	5	
	1180		Segment Group 26: MOA	C		10
M	1190	MOA	Monetary Amount	M	1	
	1260		Segment Group 28: PRI	C		25
M	1270	PRI	Price Details	M	1	
	1320		Segment Group 29: RFF	C		10
M	1330	RFF	Reference	M	1	
	1480		Segment Group 33: TAX-MOA	C		99

M	1490	TAX	Duty/Tax/Fee Details	M	1	
	1500	MOA	Monetary Amount	C	1	
	1640		Segment Group 38: ALC-SG41	C		30
M	1650	ALC	Allowance or Charge	M	1	
	1750		Segment Group 41: MOA	C		2
M	1760	MOA	Monetary Amount	M	1	

Section Control:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>
M	2090	UNS	Section Control	M	1	

Summary Section:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Group</u> <u>Repeat</u>
M	2110		Segment Group 49: MOA	M		100
M	2120	MOA	Monetary Amount	M	1	
	2160		Segment Group 51: TAX-MOA	C		10
M	2170	TAX	Duty/Tax/Fee Details	M	1	
	2180	MOA	Monetary Amount	C	2	
	2190		Segment Group 52: ALC-MOA	C		15
M	2200	ALC	Allowance or Charge	M	1	
	2220	MOA	Monetary Amount	C	2	
M	2240	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 97A 0051 UN
Business Rules: Variable Name: UNH1

Data Element Summary

	<u>Data Element</u>	<u>Component</u>		<u>Attributes</u>
		<u>Element</u>	<u>Name</u>	
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14
M	S009		MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M
M		0065	Message type identifier Code identifying a type of message and assigned by its controlling agency. INVOIC Invoice message A code to identify the invoice message.	M an..6
M		0052	Message type version number Version number of a message type. D Draft version/UN/EDIFACT Directory Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). 97A Release 1997 - A Message approved and issued in the first 1997 release of the UNTDID (United Nations Trade Data Interchange Directory).	M an..3
M		0051	Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type. UN UN/ECE/TRADE/WP.4	M an..2

United Nations Economic UN Economic Commission
for Europe (UN/ECE), Committee on the development
of trade (TRADE), Working Party on facilitation of
international trade procedures (WP.4).

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.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C
		Identification of a type of document/message by code or name. Code preferred.	
	1001	Document/message name, coded	C an..3
		Document/message identifier expressed in code.	
		380 Commercial invoice	
		Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.	
C106		DOCUMENT/MESSAGE IDENTIFICATION	C
		Identification of a document/message by its number and eventually its version or revision.	
	1004	Document/message number	C an..35
		Reference number assigned to the document/message by the issuer.	

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 PAT Segment group.

Data Element Summary

Data		Component	
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C507	DATE/TIME/PERIOD	M
		Date and/or time, or period relevant to the specified date/time/period type.	
M	2005	Date/time/period qualifier	M an..3
		Code giving specific meaning to a date, time or period.	
		137	Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.
	2380	Date/time/period	C an..35
		The value of a date, a date and time, a time or of a period in a specified representation.	
	2379	Date/time/period format qualifier	C an..3
		Specification of the representation of a date, a date and time or of a period.	
	102	CCYYMMDD	Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.

Group: **NAD** Segment Group 2: Name and Address
Position: 0200
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0210	NAD	Name and Address	M	1	
	0240		Segment Group 3: Reference	C		9999
	0300		Segment Group 5: Contact Information	C		5

Segment: **NAD** Name and Address

Position: 0210 (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 only 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.

Data Element Summary

	Data	Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	3035		PARTY QUALIFIER	M an..3	
			Code giving specific meaning to a party.		
		BT	Party to be billed for other than freight (bill to)		
			Party receiving invoice excluding freight costs.		
		BY	Buyer		
			(3002) Party to which merchandise is sold.		
		RE	Party to receive commercial invoice remittance		
			Party to whom payment for a commercial invoice or bill should be remitted.		
		SE	Seller		
			(3346) Party selling merchandise to a buyer.		
		ST	Ship to		
			Identification of the party to where goods will be or have been shipped.		
	C082		PARTY IDENTIFICATION DETAILS	C	
			Identification of a transaction party by code.		
M		3039	Party id. identification	M an..35	
			Code identifying a party involved in a transaction.		
		3055	Code list responsible agency, coded	C an..3	
			Code identifying the agency responsible for a code list.		
			91	Assigned by seller or seller's agent	
			92	Assigned by buyer or buyer's agent	
		C080		PARTY NAME	C
			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 involved in a transaction.	
	3036	Party name	C an..35
		Name of a party involved in a transaction.	
	C059	STREET	C
		Street address and/or PO Box number in a structured address: one to three lines.	
M	3042	Street and number/p.o. box	M an..35
		Street and number in plain language, or Post Office Box No.	
	3164	CITY NAME	C an..35
		Name of a city (a town, a village) for addressing purposes.	
	3251	POSTCODE IDENTIFICATION	C an..9
		Code defining postal zones or addresses.	
	3207	COUNTRY, CODED	C an..3
		Identification of the name of a country or other geographical entity as specified in ISO 3166.	

Group: **RFF** Segment Group 3: Reference
Position: 0240
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segment for giving references only relevant to the specified party rather than the whole invoice.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0250	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0250 (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.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE	M
			Identification of a reference.	
M		1153	Reference qualifier	M an..3
			Code giving specific meaning to a reference segment or a reference number.	
		VA	VAT registration number	
			Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).	
		1154	Reference number	C an..35
			Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	

Group: **CTA** **Segment Group 5: Contact Information**
Position: 0300
Group: Segment Group 2 (Name and Address) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0310	CTA	Contact Information	M	1	

Segment: **CTA** **Contact Information**
Position: 0310 (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.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	3139	CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person). AR Accounts receivable contact Department/person responsible for the accounts receivable within a corporation.	C an..3
	C056	DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C
X	3413	Department or employee identification	C an..17
	3412	Department or employee The department or person within an organizational entity.	C an..35

Group: **CUX** Segment Group 7: Currencies
Position: 0370
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0380	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0380 (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.

Data Element Summary

<u>Data</u>	<u>Component</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		C504	CURRENCY DETAILS	C
			The usage to which a currency relates.	
M		6347	Currency details qualifier	M an..3
			Specification of the usage to which the currency relates.	
		2	Reference currency	
			The currency applicable to amounts stated. It may have to be converted.	
		6345	Currency, coded	C an..3
			Identification of the name or symbol of the monetary unit involved in the transaction.	
		6343	Currency qualifier	C an..3
			Code giving specific meaning to data element 6345 Currency.	
		4	Invoicing currency	
			The name or symbol of the monetary unit used for calculation in an invoice.	

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0400
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole invoice.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0410	PAT	Payment Terms Basis	M	1	

Segment: **PAT** **Payment Terms Basis**
Position: 0410 (Trigger Segment)
Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the payment terms and date/time basis.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4279		PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms. 1 Basic Payment conditions normally applied.	M an..3
	C112		TERMS/TIME INFORMATION Time details in payment terms.	C
M		2475	Payment time reference, coded Code relating payment terms to the date of a specific event. 5 Date of invoice Payment time reference is date of invoice.	M an..3
		2009	Time relation, coded Code relating payment terms to a time before, on or after the reference date. 3 After reference Payment terms related to time after reference date.	C an..3
		2151	Type of period, coded Agreed or specified period of time (coded). CD Calendar day (includes weekends and holidays) Period given as a number of days including weekends and holidays.	C an..3
		2152	Number of periods Number of periods of the type indicated in data element 2151 Type of period, coded.	C n..3

Group: **LIN** Segment Group 25: Line Item
Position: 1030
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99999999
Purpose: A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 22 within an invoice, but not necessarily in a credit note or a debit note. This Segment group may be repeated to give sub-line details.

Segment Summary						
M	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
	1040	LIN	Line Item	M	1	
	1050	PIA	Additional Product Id	C	25	
	1080	QTY	Quantity	C	5	
	1180		Segment Group 26: Monetary Amount	C		10
	1260		Segment Group 28: Price Details	C		25
	1320		Segment Group 29: Reference	C		10
	1480		Segment Group 33: Duty/Tax/Fee Details	C		99
	1640		Segment Group 38: Allowance or Charge	C		30

Segment: **LIN** Line Item

Position: 1040 (Trigger Segment)

Group: Segment Group 25 (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.

Data Element Summary

Data	Component		
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
1082		LINE ITEM NUMBER	C an..6
		Serial number designating each separate item within a series of articles.	
C212		ITEM NUMBER IDENTIFICATION	C
		Goods identification for a specified source.	
	7140	Item number	C an..35
		A number allocated to a group or item.	
	7143	Item number type, coded	C an..3
		Identification of the type of item number.	
		VP Vendor's (seller's) part number	
		Reference number assigned by a vendor/seller identifying an article.	
	3055	Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
		91 Assigned by seller or seller's agent	

Segment: **PIA** Additional Product Id
Position: 1050
Group: Segment Group 25 (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.

Data Element Summary

	Data	Component		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	4347		PRODUCT ID. FUNCTION QUALIFIER	M an..3
			Indication of the function of the product code.	
		1	Additional identification	
			Information which specifies and qualifies product identifications.	
M	C212		ITEM NUMBER IDENTIFICATION	M
			Goods identification for a specified source.	
		7140	Item number	C an..35
			A number allocated to a group or item.	
		7143	Item number type, coded	C an..3
			Identification of the type of item number.	
		BP	Buyer's part number	
			Reference number assigned by the buyer to identify an article.	
		3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
		92	Assigned by buyer or buyer's agent	

Segment: **QTY** Quantity
Position: 1080
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment identifying the product quantities e.g. invoiced quantity.

Data Element Summary

	Data Component		<u>Attributes</u>
	<u>Element</u>	<u>Element</u> <u>Name</u>	
M	C186	QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M
M	6063	Quantity qualifier Code giving specific meaning to a quantity. 47 Invoiced quantity The quantity as per invoice.	M an..3
M	6060	Quantity Numeric value of a quantity.	M n..15
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	C an..3

Group: **MOA** Segment Group 26: Monetary Amount
Position: 1180
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1190	MOA	Monetary Amount	M	1	

Segment: **MOA** **Monetary Amount**
Position: 1190 (Trigger Segment)
Group: Segment Group 26 (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.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT	M
			Amount of goods or services stated as a monetary amount in a specified currency.	
M		5025	Monetary amount type qualifier	M an..3
			Indication of type of amount.	
		203	Line item amount	
			Goods item total minus allowances plus charges for line item. See also Code 66.	
		5004	Monetary amount	C n..18
			Number of monetary units.	

Group: **PRI** Segment Group 28: Price Details
Position: 1260
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A group of segments identifying the relevant pricing information for the goods or services invoiced.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1270	PRI	Price Details	M	1	

Segment: **PRI** Price Details

Position: 1270 (Trigger Segment)

Group: Segment Group 28 (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 type qualifier".

Data Element Summary

<u>Data</u>	<u>Component</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
		C509	PRICE INFORMATION	C
			Identification of price type, price and related details.	
M		5125	Price qualifier	M an..3
			Identification of a type of price.	
			AAA Calculation net	
			The price stated is the net price including allowances/charges. Allowances/charges may be stated for information only.	
			AAB Calculation gross	
			The price stated is the gross price to which allowances/ charges must be applied.	
		5118	Price	C n..15
			The monetary value associated with a purchase or sale of an article, product or service.	
		5387	Price type qualifier	C an..3
			Code identifying pricing specification.	
		5284	Unit price basis	C n..9
			Basis on which the unit price/rate applies.	
		6411	Measure unit qualifier	C an..3
			Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	

Group: **RFF** Segment Group 29: Reference
Position: 1320
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group giving references and where necessary, their dates, relating to the line item.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1330	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 1330 (Trigger Segment)
Group: Segment Group 29 (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.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C506		REFERENCE Identification of a reference.	M
M		1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. AAK Despatch advice number Reference number assigned by issuing party to a despatch advice. CO Buyers order number [1022] Reference number assigned by the buyer to an order. ON Order number (purchase) [1022] Reference number assigned by the buyer to an order. VN Order number (vendor) Reference number assigned by supplier to a buyer's purchase order.	M an..3
		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	C an..35
		1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6

Group: **TAX** Segment Group 33: Duty/Tax/Fee Details
Position: 1480
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1490	TAX	Duty/Tax/Fee Details	M	1	
	1500	MOA	Monetary Amount	C	1	

Segment: **TAX** **Duty/Tax/Fee Details**
Position: 1490 (Trigger Segment)
Group: Segment Group 33 (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.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax Contribution levied by an authority.	M an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C
		5153	Duty/tax/fee type, coded Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. VAT Value added tax A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.	C an..3
	C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
X		5279	Duty/tax/fee rate identification	C an..7
		5278	Duty/tax/fee rate Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..17
	5305		DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system. E Exempt from tax	C an..3

Segment: **MOA** **Monetary Amount**
Position: 1500
Group: Segment Group 33 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the identified tax/fee.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount. 161 Duty, tax or fee amount Amount of duty, tax or fee.	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1640
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 30
Purpose: A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1650	ALC	Allowance or Charge	M	1	
	1750		Segment Group 41: Monetary Amount	C		2

Segment: **ALC** Allowance or Charge
Position: 1650 (Trigger Segment)
Group: Segment Group 38 (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.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3
			Specification of an allowance or charge for the service specified.	
		C	Charge	

Group: **MOA** Segment Group 41: Monetary Amount
Position: 1750
Group: Segment Group 38 (Allowance or Charge) Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 2
Purpose: A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1760	MOA	Monetary Amount	M	1	

Segment: **MOA** **Monetary Amount**
Position: 1760 (Trigger Segment)
Group: Segment Group 41 (Monetary Amount) Conditional (Optional)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.

Data Element Summary

Data		Component		<u>Attributes</u>
<u>Element</u>	<u>Element</u>	<u>Name</u>		
M	C516	MONETARY AMOUNT		M
		Amount of goods or services stated as a monetary amount in a specified currency.		
M	5025	Monetary amount type qualifier		M an..3
		Indication of type of amount.		
		8 Allowance or charge amount [5422] Total amount of allowance or charge.		
	5004	Monetary amount		C n..18
		Number of monetary units.		

Segment: **UNS** Section Control
Position: 2090
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.

Data Element Summary

Data Component			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	0081	SECTION IDENTIFIER	M a1
		A character identifying the next section in a message.	
		S	Detail/summary section separation
		To qualify the segment UNS, when separating the detail from the summary section of a message.	

Group: **MOA** Segment Group 49: Monetary Amount
Position: 2110
Group:
Level: 1
Usage: Mandatory
Max Use: 100
Purpose: A group of segments giving total amounts for the whole invoice and - if relevant
 -detailing amounts pre-paid with relevant references and dates.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	2120	MOA	Monetary Amount	M	1	

Segment: **MOA** **Monetary Amount**
Position: 2120 (Trigger Segment)
Group: Segment Group 49 (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.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT	M
			Amount of goods or services stated as a monetary amount in a specified currency.	
M		5025	Monetary amount type qualifier	M an..3
			Indication of type of amount.	
		79	Total line items amount	
			The sum of all the line item amounts.	
		86	Message total monetary amount	
		5004	Monetary amount	C n..18
			Number of monetary units.	

Group: **TAX** Segment Group 51: Duty/Tax/Fee Details
Position: 2160
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying taxes totals for the invoice.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	2170	TAX	Duty/Tax/Fee Details	M	1	
	2180	MOA	Monetary Amount	C	2	

Segment: **TAX** Duty/Tax/Fee Details
Position: 2170 (Trigger Segment)
Group: Segment Group 51 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type to be summarized.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax Contribution levied by an authority.	M an..3
	C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C
		5153	Duty/tax/fee type, coded Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services. VAT Value added tax A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.	C an..3
	C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
X		5279	Duty/tax/fee rate identification	C an..7
		5278	Duty/tax/fee rate Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..17
	5305		DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system. E Exempt from tax S Standard rate	C an..3

Segment: **MOA** **Monetary Amount**
Position: 2180
Group: Segment Group 51 (Duty/Tax/Fee Details) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the summary amount for the tax specified.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M
M		5025	Monetary amount type qualifier Indication of type of amount. 176 Message total duty/tax/fee amount Total of all duty/tax/fee amounts.	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

Group: **ALC** Segment Group 52: Allowance or Charge
Position: 2190
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 15
Purpose: A group of segments specifying allowances and charges summary totals for the invoice.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	2200	ALC	Allowance or Charge	M	1	
	2220	MOA	Monetary Amount	C	2	

Segment: **ALC** Allowance or Charge
Position: 2200 (Trigger Segment)
Group: Segment Group 52 (Allowance or Charge) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance type to be summarised.

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5463		ALLOWANCE OR CHARGE QUALIFIER	M an..3
			Specification of an allowance or charge for the service specified.	
		C	Charge	

Segment: **MOA** **Monetary Amount**
Position: 2220
Group: Segment Group 52 (Allowance or Charge) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the summary amount for the allowance or charge.

Data Element Summary

		Data	Component		
		<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M		C516		MONETARY AMOUNT	M
				Amount of goods or services stated as a monetary amount in a specified currency.	
M			5025	Monetary amount type qualifier	M an..3
				Indication of type of amount.	
				131 Total charges/allowances	
				The amount specified is the total of all charges/allowances.	
			5004	Monetary amount	C n..18
				Number of monetary units.	

Segment: **UNT** Message Trailer
Position: 2240
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message and the control reference number of the message.

Data Element Summary

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