

1 Detailed Guidelines of commercial invoice, INVOIC, for automotive and non automotive parts within Volvo

1.1 General

This document describes Volvo's application of the ODETTE subset of the EDIFACT message INVOIC. The specification offers a detailed description of those data elements which will be used. In the following description the general notation invoice is used. The basis of this application is the ODETTE message entitled INVOIC, V4R1 Based on D96A issued by the secretariat in October 1996. A business process description is needed to clarify the differences between an automotive(1.1) and non automotive products(1.2) invoice. The frequency and scope of the INVOIC are specific for each company within Volvo.

1.1.1 Purpose and basic function of the Automotive Products Invoic message

The purpose of the invoice is to issue a request for payment concerning executed shipments sent to the consignee, according to the conditions agreed upon. An invoice must always refer to at least one Despatch Note/Despatch Advice to be accepted by Volvo. A Despatch Note/Despatch Advice should always correspond to a consignment defined as a certain quantity of goods despatched from a certain consignor to a certain consignee on a certain occasion. For further information, please study the Volvo application for AVIEXP/DESADV.

1.1.2 Purpose and basic function of the None Automotive Products Invoic message

The purpose of the invoice is to issue a request for payment concerning products and services, according to the conditions agreed upon. An invoice must always refer to an Order number to be accepted by Volvo. A Despatch Note/Despatch Advice is not required but are of course recommended to use for the matching purpose. This invoice message is defined with less required information than the Automotive Products invoic. This means that some of the segments defined in the invoic message does not have to be sent to Volvo.

New information to be sent in the None Automotive Parts Invoice message. For more information please use segment detailed information down below.

Header section

Message function = ZZ1	Description: This is an indicator that informs our internal applications that this is a None Automotive Products Invoice message.
Name and address Contact Information	Description: Accounting contact is mandatory for Buyer or Seller. Information contact is a work flow reference of the person that receives the invoice at Volvo. This information should be provided by the person who make the order.
Communication Contact Currency details	Electronic mail or telephone is required. Description: If you are a supplier and are responsible to inform regulations regarding VAT, it's required for you to send the rate of exchange to Volvo.

Line section

Suppliers Article number	Description: Item number allocated by the supplier.
Item Description	Description: If no article number is given this information are required to uniquely identify the item.
Order number	Description: Purchase order number are always required when you invoicing to Volvo.

1.1.3 Documentation requirements in connection with electronic invoicing

If both paper invoices and electronic invoices are used, the electronically transmitted invoice is the legally binding document. Each Volvo company notifies the supplier if/when paper invoices will cease to be sent.

Note:

For import and export paper invoice might be required as Transport Documents.

Obviously there is a need for placing high demands on the internal invoicing systems of both sellers and buyers. The original invoice transactions must be saved and be able to be presented by both parties for a period regulated by national laws. The supplier's system has to be able to re-transmit an invoice file. Volvo will not accept any incorrectness in the invoice and will not change its content in any way. The document must be complete and correct before the payment can be executed.

1.1.4 Creation and issue of invoice

An invoice is based on an accomplished delivery/despatch. The invoice shall contain the same information as a regular invoice document, i.e. both information for payment and complete specification over the invoiced items. The details of Volvo's requirements are shown below. Volvo's application contains a high degree of dependent information.

1.1.5 Detailed application

The following section includes only those segments required by Volvo. The supplier may of course include any other additional information he considers necessary, such information will however not be processed by Volvo.

1.1.6 Dependent segments

Under each segment heading, we are giving instructions of when to use the segment. Some segments will only be used after special agreement.

1.1.7 Dependent data elements

Under each data element heading we specify the valid conditions.

INVOIC Invoice Message

Heading Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>
3	0010	UNH	Message Header	M	M	1	
10	0020	BGM	Beginning of Message	M	M	1	
11	0030	DTM	Date/Time/Period	M	M	1	
	0110		Segment Group 2	C	R		5
13	0120	NAD	Name and Address	M	M	1	
15	0140	FII	Financial Institution Information	C	D	1	
	0150		Segment Group 3	C	D		2
17	0160	RFF	Reference	M	M	1	
	0210		Segment Group 5	C	D		1
19	0220	CTA	Contact Information	M	M	1	
20	0230	COM	Communication Contact	C	D	1	
	0280		Segment Group 7	C	R		1
22	0290	CUX	Currencies	M	M	1	
	0310		Segment Group 8	C	R		1
24	0320	PAT	Payment Terms Basis	M	M	1	
25	0330	DTM	Date/Time/Period	C		1	

Detail Section:

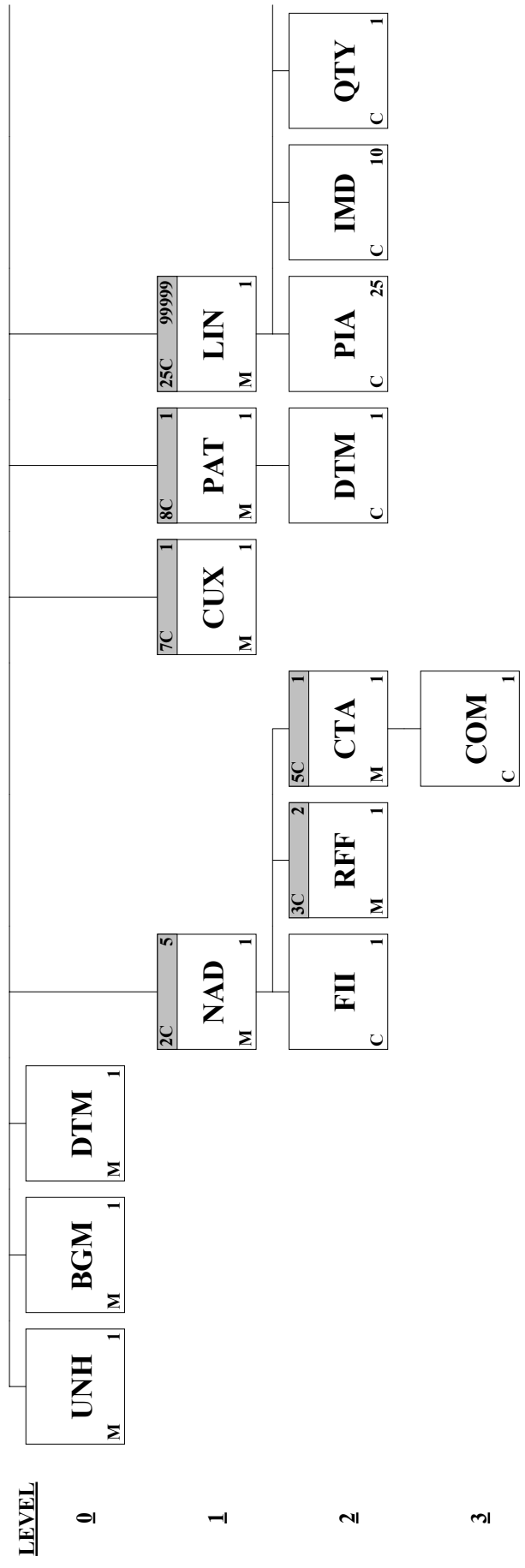
<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>
	0890		Segment Group 25	C	R		99999
27	0900	LIN	Line Item	M	M	1	
28	0910	PIA	Additional Product Id	C		25	
30	0920	IMD	Item Description	C	D	10	
31	0940	QTY	Quantity	C	D	1	
32	0960	ALI	Additional Information	C	D	1	
33	0970	DTM	Date/Time/Period	C	D	1	
34	0980	GIN	Goods Identity Number	C	D	1000	
	1030		Segment Group 26	C	D		1
36	1040	MOA	Monetary Amount	M	M	1	
	1110		Segment Group 28	C	D		1
38	1120	PRI	Price Details	M	M	1	
	1160		Segment Group 29	C	R		2
40	1170	RFF	Reference	M	M	1	
41	1180	DTM	Date/Time/Period	C	D	1	
	1310		Segment Group 33	C	D		1
43	1320	TAX	Duty/Tax/Fee Details	M	M	1	
44	1330	MOA	Monetary Amount	C	R	1	
	1350		Segment Group 34	C	R		1
46	1360	NAD	Name and Address	M	M	1	
	1470		Segment Group 38	C	D		15
49	1480	ALC	Allowance or Charge	M	M	1	
	1570		Segment Group 41	C	R		1
51	1580	MOA	Monetary Amount	M	M	1	
	1630		Segment Group 43	C	D		1
53	1640	TAX	Duty/Tax/Fee Details	M	M	1	
54	1650	MOA	Monetary Amount	C	R	1	

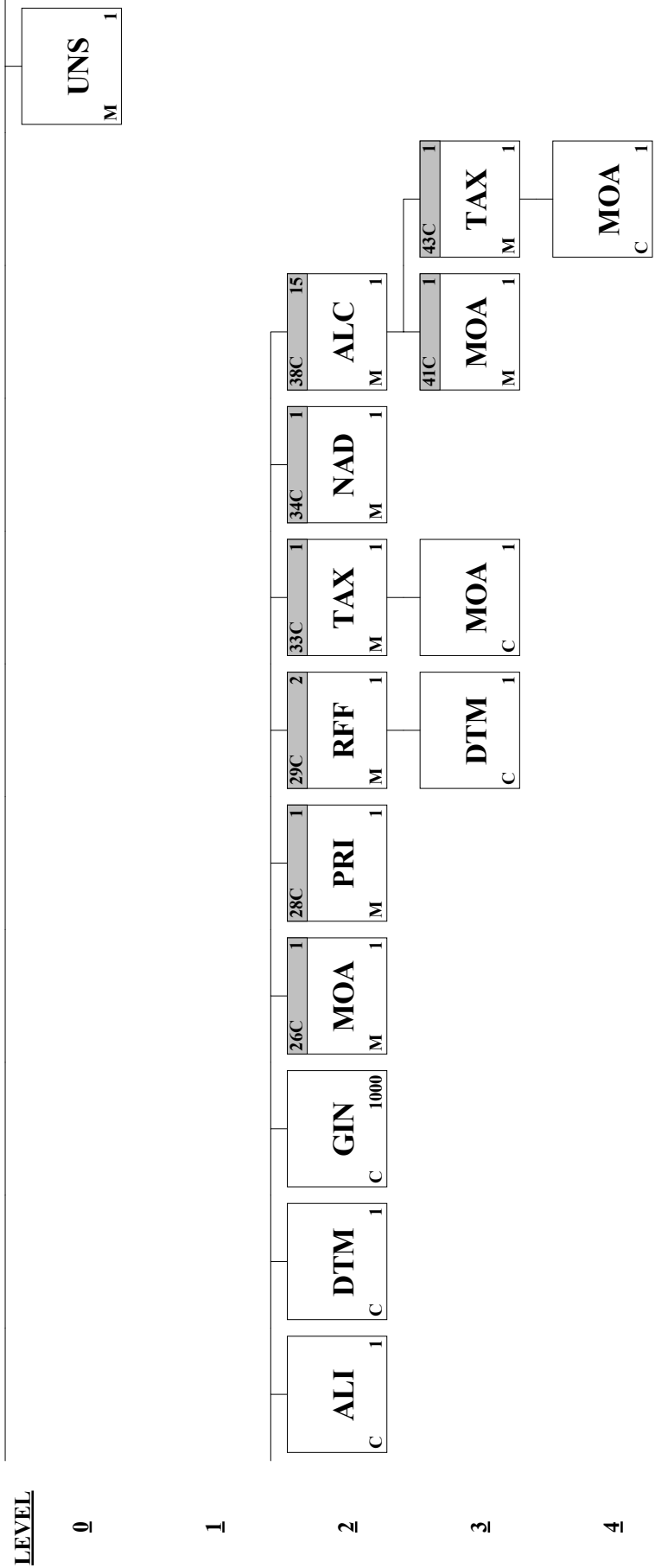
Section Control:

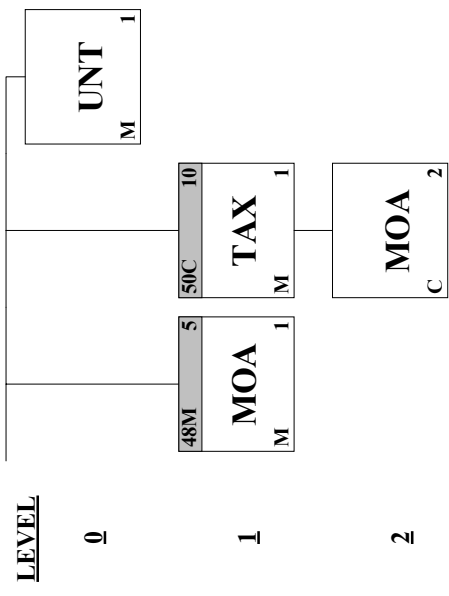
<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>
55	1790	UNS	Section Control	M	M	1	

Summary Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>
	1810		Segment Group 48	M	M		5
57	1820	MOA	Monetary Amount	M	M	1	
	1860		Segment Group 50	C	D		10
59	1870	TAX	Duty/Tax/Fee Details	M	M	1	
60	1880	MOA	Monetary Amount	C	R	2	
61	1930	UNT	Message Trailer	M	M	1	







LEVEL

0

1

2

3

4

5

6

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 96A 0051 UN
Notes: UNH+1+INVOIC:D:96A:UN:A14051'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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	M an..6	M
	0052	Message type version number Version number of a message type. D Message version number	M an..3	M
	0054	Message type release number Release number within the current message type version number (0052). 96A Message release number	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, United Nations Standard Messages (UNSM)	M an..2	M
	0057	Association assigned code Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. A14051 Invoice sent by the seller A17011 Invoice sent by the buyer, self-billing	C an..6	R
0068		COMMON ACCESS REFERENCE Reference serving as a key to relate all subsequent transfers of data to the same business case or file.	C an..35	N
S010		STATUS OF THE TRANSFER Statement that the message is one in a sequence of transfers relating to the same topic.	C	N
	0070	Sequence message transfer number Number assigned by the sender indicating that the message is an addition or change of a previously sent message relating to the same topic.	M n..2	N
	0073	First/last sequence message transfer indication Indication used for the first and last message in a sequence of the same type of message relating to the same topic.	C a1	N

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.
Notes: BGM+380+925896'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.	C	R
	1001	Document/message name, coded Document/message identifier expressed in code. The codes 325, 381, 383 and 389, are to be used only after agreement with Volvo	C an..3	R
		325 Proforma invoice		
		380 Commercial invoice		
		381 Credit note		
		383 Debit note		
		389 Self-billed invoice		
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	1000	Document/message name Plain language identifier specifying the function of a document/message.	C an..35	N
1004		DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer. Note: Some recipients may have restrictions on the data format	C an..35	R an..17
1225		MESSAGE FUNCTION, CODED Code indicating the function of the message. ZZ1	C an..3	D
		Code ZZ1 is required for Non Automotive Products.		
4343		RESPONSE TYPE, CODED Code specifying the type of acknowledgement required or transmitted.	C an..3	N

Segment: **DTM** Date/Time/Period
Position: 0030
Group:
Level: 0
Usage: Mandatory
Max Use: 1
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.
Notes: DTM+137:20000807:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	M
	2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 137 Document/message date/time	M an..3	M
	2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C n8	R
	2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period. 102 CCYYMMDD	C an..3	R

Group: **NAD** Segment Group 2: Name and Address
Position: 0110
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 5
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0120	NAD	Name and Address	M	1	
D	0140	FII	Financial Institution Information	C	1	
	0150		Segment Group 3: Reference	C		2
	0210		Segment Group 5: Contact Information	C		1

Segment: **NAD** Name and Address
Position: 0120 (Trigger Segment)
Group: Segment Group 2 (Name and Address) Conditional (Required)
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.

Notes: NAD+BY+139::91+SE-405 08 GOTHENBURG+VOLVO TRUCK CORPORATION'
NAD+SE+1526::92+BOX 6:SE-615 22 VALDEMARSVIK+LASER TOOL AB'
NAD+FG++GOTHENBURG'
NAD+FH++VALDEMARSVIK'
NAD+PE+8002::92+PRINSGATAN 25:SE-417 28 GOTHENBURG'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY QUALIFIER Code giving specific meaning to a party.	M an..3	M
		BY Buyer Required		
		FG Buyer as officially registered Buying party as officially registered with government. Used when the goods and invoice are sent to different countries, and a legal agent is required in the country of the consignee.		
		FH Seller as officially registered Required for sellers within the European Union		
		PE Payee Identifies the credit party when other than the beneficiary. Required when the seller is different from payee		
		SE Seller Required		
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code. Required for the qualifiers BY and SE. For PE either C082 or C080 must be used.	C	D
	3039	Party id. identification Code identifying a party involved in a transaction.	M an..35	M an..20
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	R
		91 Assigned by seller or seller's agent Only to be used together with qualifier BY.		
		92 Assigned by buyer or buyer's agent		
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	R
	3124	Name and address line Free form name and address description.	M an..35	M
	3124	Name and address line Free form name and address description. When more than 1 line is needed	C an..35	D
	3124	Name and address line Free form name and address description. When more than 2 lines are needed	C an..35	D
	3124	Name and address line Free form name and address description. When more than 3 lines are needed	C an..35	D

	3124	Name and address line	C	an..35	N
		Free form name and address description.			
C080		PARTY NAME	C		D
		Identification of a transaction party by name, one to five lines. Party name may be formatted.			
		Required together with the qualifiers BY and SE. For PE either C082 or C080 must be used.			
	3036	Party name	M	an..35	M
		Name of a party involved in a transaction.			
	3036	Party name	C	an..35	N
		Name of a party involved in a transaction.			
	3036	Party name	C	an..35	N
		Name of a party involved in a transaction.			
	3036	Party name	C	an..35	N
		Name of a party involved in a transaction.			
	3036	Party name	C	an..35	N
		Name of a party involved in a transaction.			
	3045	Party name format, coded	C	an..3	N
		Specification of the representation of a party name.			
C059		STREET	C		N
		Street address and/or PO Box number in a structured address: one to three lines.			
	3042	Street and number/p.o. box	M	an..35	N
		Street and number in plain language, or Post Office Box No.			
	3042	Street and number/p.o. box	C	an..35	N
		Street and number in plain language, or Post Office Box No.			
	3042	Street and number/p.o. box	C	an..35	N
		Street and number in plain language, or Post Office Box No.			
	3042	Street and number/p.o. box	C	an..35	N
		Street and number in plain language, or Post Office Box No.			
3164		CITY NAME	C	an..35	N
		Name of a city (a town, a village) for addressing purposes.			
3229		COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	N
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
3251		POSTCODE IDENTIFICATION	C	an..9	N
		Code defining postal zones or addresses.			
3207		COUNTRY, CODED	C	an..3	N
		Identification of the name of a country or other geographical entity as specified in ISO 3166.			

Segment: **FII** **Financial Institution Information**
Position: 0140
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment identifying the financial institution (e.g. bank) and relevant account numbers for the seller, buyer and where necessary other parties.

Notes: Required if the seller is also the payee, or if the qualifier PE is used
 FII+RH+1743343+.....FORENINGSSPARBANKEN'
 FII+BF+1745438+.....FORENINGSSPARBANKEN'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY QUALIFIER Code giving specific meaning to a party.	M an..3	M
		BF Beneficiary's bank To be used for qualifier PE		
		RH Seller's financial institution To be used for qualifier SE		
C078		ACCOUNT IDENTIFICATION Identification of an account holder by account number and/or account holder name in one or two lines. Number preferred.	C	R
	3194	Account holder number Account number of the holder of the account.	C an..35	R an..17
	3192	Account holder name Name of the holder of the account.	C an..35	N
	3192	Account holder name Name of the holder of the account.	C an..35	N
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
C088		INSTITUTION IDENTIFICATION Identification of a financial institution by code branch number, or name and name of place. Code or branch number preferred.	C	R
	3433	Institution name identification Code identifying an institution.	C an..11	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	3434	Institution branch number Number identifying a branch of an institution. Either data element 3432 or 3434 must be used	C an..17	D
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	3432	Institution name Name of an institution. Either data element 3432 or 3434 must be used	C an..70	D
	3436	Institution branch place Official name of the place where the institution branch is situated.	C an..70	N
3207		COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3	N

Group: **RFF** Segment Group 3: Reference
Position: 0150
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 2
Purpose: A group of segment for giving references only relevant to the specified party rather than the whole invoice.
Notes: Required for deliveries within the European Union, for giving VAT registration numbers for the qualifiers BY and SE.

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	0160	RFF	Reference	M	1	

Segment: **RFF** Reference
Position: 0160 (Trigger Segment)
Group: Segment Group 3 (Reference) Conditional (Dependent)
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.
Notes: RFF+VA:SE556013970001'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M	M
	1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M an..3	M
		FC Fiscal number To be used according to national legislation depending on where the document is issued		
		VA VAT registration number Required for deliveries within the European Union		
	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	R an..17
	1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6	N
	4000	Reference version number To uniquely identify a reference by its revision number.	C an..35	N

Group: **CTA** Segment Group 5: Contact Information
Position: 0210
Group: Segment Group 2 (Name and Address) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.
Notes: Only used for Non Automotive Products invoices and when information is available.

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	0220	CTA	Contact Information	M	1	
D	0230	COM	Communication Contact	C	1	

Segment: **CTA Contact Information**
Position: 0220 (Trigger Segment)
Group: Segment Group 5 (Contact Information) Conditional (Dependent)
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.
Notes: CTA+AD+Department no:Your reference NAD=BY
 CTA+IC+: Workflow reference
 CTA+AD+Department no:Our reference'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3139		CONTACT FUNCTION, CODED Code specifying the function of a contact (e.g. department or person).	C an..3	R
	AD	Accounting contact Mandatory when NAD=BY and NAD=SE.		
	IC	Information contact Mandatory when NAD=BY using workflow.		
C056		DEPARTMENT OR EMPLOYEE DETAILS Code and/or name of a department or employee. Code preferred.	C	R
	3413	Department or employee identification Internal identification code.	C an..17	
	3412	Department or employee The department or person within an organizational entity. Workflow reference when using qualifier IC in NAD=BY, see example.	C an..35	R

Segment: **COM** **Communication Contact**
Position: 0230
Group: Segment Group 5 (Contact Information) Conditional (Dependent)
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment to identify a communications type and number for the contact specified in the CTA segment.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C076		COMMUNICATION CONTACT Communication number of a department or employee in a specified channel.	M	M
	3148	Communication number The communication number.	M an..512	M
	3155	Communication channel qualifier Code identifying the type of communication channel being used.	M an..3	M
		EM Electronic mail		
		FX Telefax		
		TE Telephone		

Group: **CUX** Segment Group 7: Currencies
Position: 0280
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
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	0290	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0290 (Trigger Segment)
Group: Segment Group 7 (Currencies) Conditional (Required)
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.
Notes: CUX+2:SEK:4'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C504		CURRENCY DETAILS The usage to which a currency relates.	C	R
	6347	Currency details qualifier Specification of the usage to which the currency relates. 2 Reference currency	M an..3	M
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction. ISO 4217 three alpha code	C an..3	R
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. 4 Invoicing currency	C an..3	R
	6348	Currency rate base Multiplying factor used in expressing the number of currency units.	C n..4	N
C504		CURRENCY DETAILS The usage to which a currency relates. Required when invoicing currency differs from VAT currency. Only to be used after agreement with the buyer.	C	D
	6347	Currency details qualifier Specification of the usage to which the currency relates. 3 Target currency	M an..3	M
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction. ISO 4217 three alpha code	C an..3	R
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. 3 Home currency	C an..3	R
	6348	Currency rate base Multiplying factor used in expressing the number of currency units.	C n..4	N
5402		RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency. Required when a second occurrence of C504 is used. Given with a maximum of 5 decimals.	C n..12	D
6341		CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	C an..3	N

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0310
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
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	0320	PAT	Payment Terms Basis	M	1	
	0330	DTM	Date/Time/Period	C	1	

Segment: **PAT** Payment Terms Basis
Position: 0320 (Trigger Segment)
Group: Segment Group 8 (Payment Terms Basis) Conditional (Required)
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>Base Attributes</u>	<u>User Attributes</u>
4279		PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms. Payment conditions normally applied.	M an..3	M
		1 Basic		
C110		PAYMENT TERMS Terms of payment code from a specified source.	C	N
	4277	Terms of payment identification Identification of the terms of payment between the parties to a transaction (generic term).	M an..17	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	4276	Terms of payment Conditions of payment between the parties to a transaction (generic term).	C an..35	N
	4276	Terms of payment Conditions of payment between the parties to a transaction (generic term).	C an..35	N
C112		TERMS/TIME INFORMATION Time details in payment terms.	C	
	2475	Payment time reference, coded Code relating payment terms to the date of a specific event. Date when a payment was made.	M an..3	M
		72 Payment date		
	2009	Time relation, coded Code relating payment terms to a time before, on or after the reference date.	C an..3	N
	2151	Type of period, coded Agreed or specified period of time (coded).	C an..3	N
	2152	Number of periods Number of periods of the type indicated in data element 2151 Type of period, coded.	C n..3	N

Segment: **DTM** Date/Time/Period
Position: 0330
Group: Segment Group 8 (Payment Terms Basis) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	M
	2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. Date/time at which funds should be made available.	M an..3	M
		140 Payment due date		
	2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C n8	
	2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period.	C an..3	
		102 CCYYMMDD		

Group: **LIN** Segment Group 25: Line Item
Position: 0890
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99999
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

	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0900	LIN	Line Item	M	1	
	0910	PIA	Additional Product Id	C	25	
D	0920	IMD	Item Description	C	10	
D	0940	QTY	Quantity	C	1	
D	0960	ALI	Additional Information	C	1	
D	0970	DTM	Date/Time/Period	C	1	
D	0980	GIN	Goods Identity Number	C	1000	
	1030		Segment Group 26: Monetary Amount	C		1
	1110		Segment Group 28: Price Details	C		1
	1160		Segment Group 29: Reference	C		2
	1310		Segment Group 33: Duty/Tax/Fee Details	C		1
	1350		Segment Group 34: Name and Address	C		1
	1470		Segment Group 38: Allowance or Charge	C		15

Segment: **LIN** Line Item
Position: 0900 (Trigger Segment)
Group: Segment Group 25 (Line Item) Conditional (Required)
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.
Notes: LIN+1++1367044:IN'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1082		LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C n..6	R
1229		ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	C an..3	N
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source. Item number is mandatory for production material invoices.	C	D
	7140	Item number A number allocated to a group or item. Buyer's article number without leading blanks or zeroes.	C an..35	R
	7143	Item number type, coded Identification of the type of item number. IN Buyer's item number	C an..3	R
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
C829		SUB-LINE INFORMATION 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.	C	N
	5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information.	C an..3	N
	1082	Line item number Serial number designating each separate item within a series of articles.	C n..6	N
1222		CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy.	C n..2	N
7083		CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration.	C an..3	N

Segment: **PIA** Additional Product Id
Position: 0910
Group: Segment Group 25 (Line Item) Conditional (Required)
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

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification	M an..3	M
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	M	M
	7140	Item number A number allocated to a group or item.	C an..35	
	7143	Item number type, coded Identification of the type of item number. SA Supplier's article number	C an..3	
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	N
	7140	Item number A number allocated to a group or item.	C an..35	N
	7143	Item number type, coded Identification of the type of item number.	C an..3	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	N
	7140	Item number A number allocated to a group or item.	C an..35	N
	7143	Item number type, coded Identification of the type of item number.	C an..3	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	N
	7140	Item number A number allocated to a group or item.	C an..35	N
	7143	Item number type, coded Identification of the type of item number.	C an..3	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	N
	7140	Item number A number allocated to a group or item.	C an..35	N

7143	Item number type, coded Identification of the type of item number.	C	an..3	N
1131	Code list qualifier Identification of a code list.	C	an..3	N
3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3	N

Segment: **IMD** Item Description
Position: 0920
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 10
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.
Notes: If no article number is given in the LIN segment this segment must be used to uniquely identify the item
 IMD+++:::BATTERY BOX?

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description.	C an..3	N
7081		ITEM CHARACTERISTIC, CODED Code specifying the item characteristic being described.	C an..3	N
C273		ITEM DESCRIPTION Description of an item.	C	R
	7009	Item description identification Code from an industry code list which provides specific data about a product characteristic.	C an..17	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	7008	Item description Plain language description of articles or products. Article description	C an..35	R
	7008	Item description Plain language description of articles or products. If more than 1 line is needed	C an..35	D
	3453	Language, coded Code of language (ISO 639-1988).	C an..3	N
7383		SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C an..3	N

Segment: **QTY** Quantity
Position: 0940
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment identifying the product quantities e.g. invoiced quantity.
Notes: Used when Production material.
 QTY+12:6'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M	M
	6063	Quantity qualifier Code giving specific meaning to a quantity. 48 only to be used together with document type 389 in BGM.	M an..3	M
		12 Despatch quantity		
		48 Received quantity		
	6060	Quantity Numeric value of a quantity.	M n..15	M n..10
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Sort code according to ISO standard, see appendix 4 or ODDC025. Default value is PCE.	C an..3	D

Segment: **ALI** Additional Information
Position: 0960
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment indicating that the line item is subject to special conditions owing to origin, customs preference, embargo regulations or commercial factors.
Notes: Required for articles with origin from outside the European union, if any party is within the union.
 ALI+JP?

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3239		COUNTRY OF ORIGIN, CODED Country in which the goods have been produced or manufactured, according to criteria laid down for the purposes of application of the Customs tariff, of quantitative restrictions, or of any other measure related to trade. ISO standard country codes	C a2	R
9213		TYPE OF DUTY REGIME, CODED Identification of the statement of the full/preferential regime according to which duty is assessed.	C an..3	N
4183		SPECIAL CONDITIONS, CODED Indication of a specific condition.	C an..3	N
4183		SPECIAL CONDITIONS, CODED Indication of a specific condition.	C an..3	N
4183		SPECIAL CONDITIONS, CODED Indication of a specific condition.	C an..3	N
4183		SPECIAL CONDITIONS, CODED Indication of a specific condition.	C an..3	N
4183		SPECIAL CONDITIONS, CODED Indication of a specific condition.	C an..3	N

Segment: **DTM** Date/Time/Period
Position: 0970
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment specifying date/time/period details relating to the line item only.
Notes: Used when no receiving document exists in combination with document typ 389 in BGM, self-billing.
 DTM+50:20000807:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	M
	2005	Date/time/period qualifier Code giving specific meaning to a date, time or period.	M an..3	M
		50 Goods receipt date/time		
		97 Transaction creation date		
		194 Start date/time		
		206 End date/time		
	2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C n8	R
	2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period.	C an..3	R
		102 CCYYMMDD		

Segment: **GIN** Goods Identity Number
Position: 0980
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1000
Purpose: A segment providing identity numbers to be applied to the goods being invoiced, e.g. serial numbers for assembled equipment.
Notes: This segment will only be used after agreement.
 If more than one identity are given, the segment has to be repeated.
 GIN+VV+237005'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
7405		IDENTITY NUMBER QUALIFIER Code specifying the type/source of identity number. BN Serial number EE Engine number VV Vehicle identity number	M an..3	M
C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	M	M
	7402	Identity number A value given to an object for identification purposes. Individual number	M an..35	M
	7402	Identity number A value given to an object for identification purposes.	C an..35	N
C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C	N
	7402	Identity number A value given to an object for identification purposes.	M an..35	N
	7402	Identity number A value given to an object for identification purposes.	C an..35	N
C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C	N
	7402	Identity number A value given to an object for identification purposes.	M an..35	N
	7402	Identity number A value given to an object for identification purposes.	C an..35	N
C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C	N
	7402	Identity number A value given to an object for identification purposes.	M an..35	N
	7402	Identity number A value given to an object for identification purposes.	C an..35	N
C208		IDENTITY NUMBER RANGE Goods item identification numbers, start and end of consecutively numbered range.	C	N
	7402	Identity number A value given to an object for identification purposes.	M an..35	N
	7402	Identity number A value given to an object for identification purposes.	C an..35	N

Group: **MOA** Segment Group 26: Monetary Amount
Position: 1030
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.
Notes: Used when production material.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1040	MOA	Monetary Amount	M	1	

Segment: **MOA Monetary Amount**
Position: 1040 (Trigger Segment)
Group: Segment Group 26 (Monetary Amount) Conditional (Dependent)
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.
Notes: MOA+203:3507'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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. 203 Line item amount	M an..3	M
	5004	Monetary amount Number of monetary units. Used only when Automotive Products. Maximum two decimals MOA 5004 (qualifier 203) = QTY 6411 * PRI 5118 / PRI 5284	C n..18	D n..15
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3	N
	4405	Status, coded Provides information regarding a status.	C an..3	N

Group: **PRI** Segment Group 28: Price Details
Position: 1110
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
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	1120	PRI	Price Details	M	1	

Segment: **PRI Price Details**
Position: 1120 (Trigger Segment)
Group: Segment Group 28 (Price Details) Conditional (Dependent)
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".
Notes: Required when Automotive Products.
 PRI+AAB:584.5'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C509		PRICE INFORMATION Identification of price type, price and related details.	C	R
	5125	Price qualifier Identification of a type of price. Allowances and charges to be applied to the price must be provided in the ALC segment. AAB Calculation gross	M an..3	M
	5118	Price The monetary value associated with a purchase or sale of an article, product or service. Given with a maximum of two decimals. If decimals are used, the decimal point must be preceded and followed by at least one character.	C n..15	R
	5375	Price type, coded Code identifying the type of price of an item.	C an..3	N
	5387	Price type qualifier Code identifying pricing specification.	C an..3	N
	5284	Unit price basis Basis on which the unit price/rate applies. The values 1, 100 and 1000 are approved by Volvo. Default value is 1.	C n..9	D
	6411	Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed. Sort code according to ISO standard see ODDC025. Default value is PCE.	C an..3	D
5213		SUB-LINE PRICE CHANGE, CODED Code indicating disposition of the price change of a sub-line item.	C an..3	N

Group: **RFF** Segment Group 29: Reference
Position: 1160
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose: A group giving references and where necessary, their dates, relating to the line item.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1170	RFF	Reference	M	1	
D	1180	DTM	Date/Time/Period	C	1	

Segment: **RFF Reference**
Position: 1170 (Trigger Segment)
Group: Segment Group 29 (Reference) Conditional (Required)
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.
Notes: RFF+AAK:19789'
RFF+ON:495901526020'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE Identification of a reference.	M	M
	1153	Reference qualifier Code giving specific meaning to a reference segment or a reference number. Qualifier ON is always required.	M an..3	M
		AAK Despatch advice number		
		ON Order number (purchase)		
	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	R an..17
	1156	Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6	N
	4000	Reference version number To uniquely identify a reference by its revision number.	C an..35	N

Segment: **DTM** Date/Time/Period
Position: 1180
Group: Segment Group 29 (Reference) Conditional (Required)
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A segment specifying the date/time related to the reference.

Notes: Required for qualifier AAK.
 DTM+171:20000807:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	M
	2005	Date/time/period qualifier Code giving specific meaning to a date, time or period. 171 Reference date/time	M an..3	M
	2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C n8	R
	2379	Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period. 102 CCYYMMDD	C an..3	R

Group: **TAX** Segment Group 33: Duty/Tax/Fee Details
Position: 1310
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 1
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.
Notes: Required when value added tax is applied.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1320	TAX	Duty/Tax/Fee Details	M	1	
R	1330	MOA	Monetary Amount	C	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1320 (Trigger Segment)
Group: Segment Group 33 (Duty/Tax/Fee Details) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption, relating to the line item.
Notes: TAX+7+VAT+++:::25'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax	M an..3	M
C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	R
	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	C an..3	R
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35	N
C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	N
	5289	Duty/tax/fee account identification Identification of a particular duty, tax or fee.	M an..6	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
5286		DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15	N
C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C	R
	5279	Duty/tax/fee rate identification Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..7	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	5278	Duty/tax/fee rate Rate of duty or tax or fee applicable to commodities or of tax applicable to services. Maximum 3 decimals.	C an..17	R an..7
	5273	Duty/tax/fee rate basis identification Identification of the various elements of tax combination to be attributed to a commodity.	C an..12	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
5305		DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system.	C an..3	N
3446		PARTY TAX IDENTIFICATION NUMBER Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	C an..20	N

Segment: **MOA** Monetary Amount
Position: 1330
Group: Segment Group 33 (Duty/Tax/Fee Details) Conditional (Dependent)
Level: 3
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment specifying the amount for the identified tax/fee.
Notes: MOA+124:876.75'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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. 124 Tax amount	M an..3	M
	5004	Monetary amount Number of monetary units. Maximum 2 decimals	C n..18	R n..15
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3	N
	4405	Status, coded Provides information regarding a status.	C an..3	N

Group: **NAD** Segment Group 34: Name and Address
Position: 1350
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments identifying the parties with associated information, relevant to the line item only.

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	1360	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 1360 (Trigger Segment)
Group: Segment Group 34 (Name and Address) Conditional (Required)
Level: 2
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 line item.
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.
Notes: Required for Automotive Products.
NAD+CN+1001::92'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY QUALIFIER Code giving specific meaning to a party. CN Consignee	M an..3	M
C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	R
	3039	Party id. identification Code identifying a party involved in a transaction.	M an..35	M an..20
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. 92 Assigned by buyer or buyer's agent	C an..3	R
C058		NAME AND ADDRESS Unstructured name and address: one to five lines.	C	N
	3124	Name and address line Free form name and address description.	M an..35	N
	3124	Name and address line Free form name and address description.	C an..35	N
	3124	Name and address line Free form name and address description.	C an..35	N
	3124	Name and address line Free form name and address description.	C an..35	N
	3124	Name and address line Free form name and address description.	C an..35	N
C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C	N
	3036	Party name Name of a party involved in a transaction.	M an..35	N
	3036	Party name Name of a party involved in a transaction.	C an..35	N
	3036	Party name Name of a party involved in a transaction.	C an..35	N
	3036	Party name Name of a party involved in a transaction.	C an..35	N
	3036	Party name Name of a party involved in a transaction.	C an..35	N
	3045	Party name format, coded Specification of the representation of a party name.	C an..3	N
C059		STREET Street address and/or PO Box number in a structured address: one to three lines.	C	N
	3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	M an..35	N
	3042	Street and number/p.o. box	C an..35	N

	Street and number in plain language, or Post Office Box No.			
3042	Street and number/p.o. box	C	an..35	N
	Street and number in plain language, or Post Office Box No.			
3042	Street and number/p.o. box	C	an..35	N
	Street and number in plain language, or Post Office Box No.			
3164	CITY NAME	C	an..35	N
	Name of a city (a town, a village) for addressing purposes.			
3229	COUNTRY SUB-ENTITY IDENTIFICATION	C	an..9	N
	Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.			
3251	POSTCODE IDENTIFICATION	C	an..9	N
	Code defining postal zones or addresses.			
3207	COUNTRY, CODED	C	an..3	N
	Identification of the name of a country or other geographical entity as specified in ISO 3166.			

Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1470
Group: Segment Group 25 (Line Item) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 15
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.
Notes: Only to be used after agreement.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1480	ALC	Allowance or Charge	M	1	
	1570		Segment Group 41: Monetary Amount	C		1
	1630		Segment Group 43: Duty/Tax/Fee Details	C		1

Segment: **ALC** Allowance or Charge
Position: 1480 (Trigger Segment)
Group: Segment Group 38 (Allowance or Charge) Conditional (Dependent)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary its calculation sequence.
Notes: ALC+C++++PC'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE QUALIFIER Specification of an allowance or charge for the service specified. A Allowance C Charge	M an..3	M
C552		ALLOWANCE/CHARGE INFORMATION Identification of allowance/charge information by number and/or code.	C	N
	1230	Allowance or charge number Number assigned by a party referencing an allowance, promotion, deal or charge.	C an..35	N
	5189	Charge/allowance description, coded Identification of a charge or allowance.	C an..3	N
4471		SETTLEMENT, CODED Indication of how allowances or charges are to be settled.	C an..3	N
1227		CALCULATION SEQUENCE INDICATOR, CODED Code indicating the sequence of cumulated calculations to be agreed between interchange partners.	C an..3	N
C214		SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C	R
	7161	Special services, coded Code identifying a special service. ABK Miscellaneous ACC Miscellaneous setting costs (tooling) ACK Polishing ACS Fitting surcharge FC Freight charge PC Packing	C an..3	R
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. Only to be used after agreement. If no appropriate EDIFACT codes are available for data element 7161, ODDC009 can be used, which is indicated by using this data element in combination with 7161.	C an..3	D
		10 ODETTE		
	7160	Special service Description of a special service.	C an..35	N
	7160	Special service Description of a special service.	C an..35	N

Group: **MOA** Segment Group 41: Monetary Amount
Position: 1570
Group: Segment Group 38 (Allowance or Charge) Conditional (Dependent)
Level: 3
Usage: Conditional (Required)
Max Use: 1
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	1580	MOA	Monetary Amount	M	1	

Segment: **MOA Monetary Amount**
Position: 1580 (Trigger Segment)
Group: Segment Group 41 (Monetary Amount) Conditional (Required)
Level: 3
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
Notes: MOA+8:120'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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. 8 Allowance or charge amount	M an..3	M
	5004	Monetary amount Number of monetary units. Maximum 2 decimals.	C n..18	R n..15
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3	N
	4405	Status, coded Provides information regarding a status.	C an..3	N

Group: **TAX** Segment Group 43: Duty/Tax/Fee Details
Position: 1630
Group: Segment Group 38 (Allowance or Charge) Conditional (Dependent)
Level: 3
Usage: Conditional (Dependent)
Max Use: 1
Purpose: A group of segments specifying tax related information for the allowance or charge and, when necessary.
Notes: Required if value added tax applies.

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1640	TAX	Duty/Tax/Fee Details	M	1	
R	1650	MOA	Monetary Amount	C	1	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1640 (Trigger Segment)
Group: Segment Group 43 (Duty/Tax/Fee Details) Conditional (Dependent)
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.
Notes: TAX+7+VAT+++:::25'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax	M an..3	M
C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	R
	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	C an..3	R
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35	N
C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	N
	5289	Duty/tax/fee account identification Identification of a particular duty, tax or fee.	M an..6	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
5286		DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15	N
C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C	R
	5279	Duty/tax/fee rate identification Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..7	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	5278	Duty/tax/fee rate Rate of duty or tax or fee applicable to commodities or of tax applicable to services. Maximum 3 decimals.	C an..17	R an..7
	5273	Duty/tax/fee rate basis identification Identification of the various elements of tax combination to be attributed to a commodity.	C an..12	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
5305		DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system.	C an..3	N
3446		PARTY TAX IDENTIFICATION NUMBER Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	C an..20	N

Segment: **MOA** Monetary Amount
Position: 1650
Group: Segment Group 43 (Duty/Tax/Fee Details) Conditional (Dependent)
Level: 4
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment specifying the amount for the allowance or charge.

Notes: MOA+124:30'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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.	M an..3	M
		124 Tax amount		
	5004	Monetary amount Number of monetary units. Maximum 2 decimals	C n..18	R n..15
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3	N
	4405	Status, coded Provides information regarding a status.	C an..3	N

Segment: **UNS** Section Control
Position: 1790
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment placed at the start of the summary section to avoid segment collision.
Notes: UNS+S'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0081		SECTION IDENTIFIER	M a1	M
		A character identifying the next section in a message.		
		S Detail/summary section separation		

Group: **MOA** Segment Group 48: Monetary Amount
Position: 1810
Group:
Level: 1
Usage: Mandatory
Max Use: 5
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	1820	MOA	Monetary Amount	M	1	

Segment: **MOA Monetary Amount**
Position: 1820 (Trigger Segment)
Group: Segment Group 48 (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.

Notes: MOA+79:3507'
 MOA+77:4533.75'
 MOA+125:3627'
 MOA+176:906.75::3'
 MOA+136:120'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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.	M an..3	M
		77 Invoice amount Required. MOA 5004 qual 77 = MOA 5004 qual 79 + MOA, 5004 qual 136 + MOA, 5004 qual 176		
		79 Total line items amount Required. MOA 5004 qual 79 = sum of all MOA, 5004 qual 203		
		125 Taxable amount Required if value added tax applies MOA 5004 qual 125 = MOA 5004 qual 8 + MOA 5004 qual 203 used together with TAX qual 7		
		136 Total invoice additional amount Required if additional charges has been made on any line item. MOA 5004 qual 136 = sum of all MOA 5004 qual 8		
		176 Message total duty/tax/fee amount Required if value added tax applies. MOA 5004 qual 176 = sum of all MOA 5004 qual 124		
	5004	Monetary amount Number of monetary units. Maximum 2 decimals	C n..18	R n..15
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency. Only to be used after agreement. Used together with the qualifiers 77, 125 and 176, to specify home currency for tax purposes. This only applies if the invoicing currency is different from the tax currency.	C an..3	D
		3 Home currency		
	4405	Status, coded Provides information regarding a status.	C an..3	N

Group: **TAX** Segment Group 50: Duty/Tax/Fee Details
Position: 1860
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 10
Purpose: A group of segments specifying taxes totals for the invoice.
Notes: Required when value added tax applies

Segment Summary

	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	1870	TAX	Duty/Tax/Fee Details	M	1	
R	1880	MOA	Monetary Amount	C	2	

Segment: **TAX** Duty/Tax/Fee Details
Position: 1870 (Trigger Segment)
Group: Segment Group 50 (Duty/Tax/Fee Details) Conditional (Dependent)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type to be summarized.
Notes: TAX+7+VAT+++:::25'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information. 7 Tax	M an..3	M
C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	R
	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	C an..3	R
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35	N
C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	N
	5289	Duty/tax/fee account identification Identification of a particular duty, tax or fee.	M an..6	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
5286		DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15	N
C243		DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C	R
	5279	Duty/tax/fee rate identification Identification of the rate of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..7	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
	5278	Duty/tax/fee rate Rate of duty or tax or fee applicable to commodities or of tax applicable to services. Maximum 3 decimals	C an..17	R an..7
	5273	Duty/tax/fee rate basis identification Identification of the various elements of tax combination to be attributed to a commodity.	C an..12	N
	1131	Code list qualifier Identification of a code list.	C an..3	N
	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3	N
5305		DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system.	C an..3	N
3446		PARTY TAX IDENTIFICATION NUMBER Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	C an..20	N

Segment: **MOA** Monetary Amount
Position: 1880
Group: Segment Group 50 (Duty/Tax/Fee Details) Conditional (Dependent)
Level: 2
Usage: Conditional (Required)
Max Use: 2
Purpose: A segment specifying the summary amount for the tax specified.

Notes: MOA+124:906,75'
 MOA+125:3627'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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. Both qualifiers are required.	M an..3	M
		124 Tax amount		
		125 Taxable amount		
	5004	Monetary amount Number of monetary units. Maximum 2 decimals.	C n..18	R n..15
	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3	N
	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3	N
	4405	Status, coded Provides information regarding a status.	C an..3	N

Segment: **UNT** Message Trailer
Position: 1930
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

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
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	M