

INVOIC Invoice Message

Introduction:

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

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

Notes:

The following document identifies the AAFES business requirements for receiving the EDIFACT INVOIC. All segments marked "RECOMMENDED" and elements marked "R" are required by AAFES to process the electronic invoice. Elements marked "M" are required by the standards. All elements defined may be transmitted as necessary in their respective segments.

PROD EXAMPLE

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UNB+UNOA:3+YOURID:YOURQUALIFER+001695568GP:14+060426:1345+6'
UNG+INVOIC+YOURID:YOURQUALIFER+001695568GP:14+060426:1345+6+UN+D:96A'
UNH+1+INVOIC:D:96A:UN'
BGM+380+11062104+9'
DTM+3:20060426:102'
RFF+OP:1803330554'
RFF+DQ:01640462'
DTM+136:20060426:102'
NAD+RE+4007071000003::16'
NAD+ST+1368161::92'
CUX+2:EUR:4'
PAT+1++5::D:60'
DTM+13:20060625:102'
LIN+1++9783827904027:EN'
PIA+1+311102000600:VN'
IMD+F++::DESCRIPTION OF ITEM'
QTY+47:15:PCE'
MOA+146:9.3'
ALC+A+:DI'
MOA+8:62.79'
UNS+S'
CNT+2:12'
MOA+39:286.67'
ALC+C+:SAA'
MOA+8:5'
UNT+101+1'
UNE+1+6'
UNZ+1+6'
    
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Heading Section:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
7	0005	UNB	Interchange Header	M	1		
9	0008	UNG	Functional Group Header	M	1		
11	0010	UNH	Message Header	M	1		
12	0020	BGM	Beginning of Message	M	1		
13	0030	DTM	Date/Time/Period	M	35		

Army and Air Force Exchange Service

Not Used	0040	PAI	Payment Instructions	C	1
Not Used	0050	ALI	Additional Information	C	5
Not Used	0060	IMD	Item Description	C	1
Not Used	0070	FTX	Free Text	C	10
	0080		Segment Group 1: RFF-DTM	C	99
15	0090	RFF	Reference	M	1
16	0100	DTM	Date/Time/Period	O	5
	0110		Segment Group 2: NAD-LOC-FII-SG3-SG4-SG5	C	99
18	0120	NAD	Name and Address	M	1
Not Used	0130	LOC	Place/Location Identification	C	25
Not Used	0140	FII	Financial Institution Information	C	5
Not Used	0150		Segment Group 3: RFF-DTM	C	9999
Not Used	0160	RFF	Reference	M	1
Not Used	0170	DTM	Date/Time/Period	C	5
Not Used	0180		Segment Group 4: DOC-DTM	C	5
Not Used	0190	DOC	Document/Message Details	M	1
Not Used	0200	DTM	Date/Time/Period	C	5
Not Used	0210		Segment Group 5: CTA-COM	C	5
Not Used	0220	CTA	Contact Information	M	1
Not Used	0230	COM	Communication Contact	C	5
Not Used	0240		Segment Group 6: TAX-MOA-LOC	C	5
Not Used	0250	TAX	Duty/Tax/Fee Details	M	1
Not Used	0260	MOA	Monetary Amount	C	1
Not Used	0270	LOC	Place/Location Identification	C	5
	0280		Segment Group 7: CUX-DTM	C	5
21	0290	CUX	Currencies	M	1
Not Used	0300	DTM	Date/Time/Period	C	5
	0310		Segment Group 8: PAT-DTM-PCD-MOA-PAI-FII	O	10
23	0320	PAT	Payment Terms Basis	M	1
24	0330	DTM	Date/Time/Period	C	5
25	0340	PCD	Percentage Details	C	1
26	0350	MOA	Monetary Amount	C	1
Not Used	0360	PAI	Payment Instructions	C	1
Not Used	0370	FII	Financial Institution Information	C	1
Not Used	0380		Segment Group 9: TDT-SG10-SG11	C	10
Not Used	0390	TDT	Details of Transport	M	1
Not Used	0400		Segment Group 10: LOC-DTM	C	10
Not Used	0410	LOC	Place/Location Identification	M	1
Not Used	0420	DTM	Date/Time/Period	C	5
Not Used	0430		Segment Group 11: RFF-DTM	C	9999
Not Used	0440	RFF	Reference	M	1
Not Used	0450	DTM	Date/Time/Period	C	5
Not Used	0460		Segment Group 12: TOD-LOC	C	5
Not Used	0470	TOD	Terms of Delivery or Transport	M	1
Not Used	0480	LOC	Place/Location Identification	C	2
Not Used	0490		Segment Group 13: PAC-MEA-SG14	C	1000

Army and Air Force Exchange Service

Not Used	0500	PAC	Package	M	1
Not Used	0510	MEA	Measurements	C	5
Not Used	0520		Segment Group 14: PCI-RFF-DTM-GIN	C	5
Not Used	0530	PCI	Package Identification	M	1
Not Used	0540	RFF	Reference	C	1
Not Used	0550	DTM	Date/Time/Period	C	5
Not Used	0560	GIN	Goods Identity Number	C	5
Not Used	0570		Segment Group 15: ALC-ALI-SG16-SG17-SG18-SG19-SG20-SG21	C	9999
Not Used	0580	ALC	Allowance or Charge	M	1
Not Used	0590	ALI	Additional Information	C	5
Not Used	0600		Segment Group 16: RFF-DTM	C	5
Not Used	0610	RFF	Reference	M	1
Not Used	0620	DTM	Date/Time/Period	C	5
Not Used	0630		Segment Group 17: QTY-RNG	C	1
Not Used	0640	QTY	Quantity	M	1
Not Used	0650	RNG	Range Details	C	1
Not Used	0660		Segment Group 18: PCD-RNG	C	1
Not Used	0670	PCD	Percentage Details	M	1
Not Used	0680	RNG	Range Details	C	1
Not Used	0690		Segment Group 19: MOA-RNG	C	2
Not Used	0700	MOA	Monetary Amount	M	1
Not Used	0710	RNG	Range Details	C	1
Not Used	0720		Segment Group 20: RTE-RNG	C	1
Not Used	0730	RTE	Rate Details	M	1
Not Used	0740	RNG	Range Details	C	1
Not Used	0750		Segment Group 21: TAX-MOA	C	5
Not Used	0760	TAX	Duty/Tax/Fee Details	M	1
Not Used	0770	MOA	Monetary Amount	C	1
Not Used	0780		Segment Group 22: RCS-RFF-DTM-FTX	C	100
Not Used	0790	RCS	Requirements and Conditions	M	1
Not Used	0800	RFF	Reference	C	5
Not Used	0810	DTM	Date/Time/Period	C	5
Not Used	0820	FTX	Free Text	C	5
Not Used	0830		Segment Group 23: AJT-FTX	C	1
Not Used	0840	AJT	Adjustment Details	M	1
Not Used	0850	FTX	Free Text	C	5
Not Used	0860		Segment Group 24: INP-FTX	C	1
Not Used	0870	INP	Parties and Instruction	M	1
Not Used	0880	FTX	Free Text	C	5

Detail Section:

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	0890		Segment Group 25: LIN-PIA-IMD-MEA-QTY-PCD-ALI-DTM-GIN-GIR-QVR-EQD-FTX-SG26-SG27-SG28-SG29-SG30-SG32-SG33-SG34-SG38-SG44-SG46-SG47	C		9999999	
28	0900	LIN	Line Item	M	1		

Army and Air Force Exchange Service

29	0910	PIA	Additional Product Id	C	25
30	0920	IMD	Item Description	O	10
Not Used	0930	MEA	Measurements	C	5
31	0940	QTY	Quantity	C	5
Not Used	0950	PCD	Percentage Details	C	1
Not Used	0960	ALI	Additional Information	C	5
Not Used	0970	DTM	Date/Time/Period	C	35
Not Used	0980	GIN	Goods Identity Number	C	1000
Not Used	0990	GIR	Related Identification Numbers	C	1000
Not Used	1000	QVR	Quantity Variances	C	1
Not Used	1010	EQD	Equipment Details	C	1
Not Used	1020	FTX	Free Text	C	5
	1030		Segment Group 26: MOA-CUX	C	5
33	1040	MOA	Monetary Amount	M	1
Not Used	1050	CUX	Currencies	C	1
	1060		Segment Group 27: PAT-DTM-PCD-MOA	C	10
Not Used	1070	PAT	Payment Terms Basis	M	1
Not Used	1080	DTM	Date/Time/Period	C	5
Not Used	1090	PCD	Percentage Details	C	1
Not Used	1100	MOA	Monetary Amount	C	1
	1110		Segment Group 28: PRI-APR-RNG-DTM	C	25
35	1120	PRI	Price Details	M	1
Not Used	1130	APR	Additional Price Information	C	1
Not Used	1140	RNG	Range Details	C	1
Not Used	1150	DTM	Date/Time/Period	C	5
	1160		Segment Group 29: RFF-DTM	C	10
Not Used	1170	RFF	Reference	M	1
Not Used	1180	DTM	Date/Time/Period	C	5
	1190		Segment Group 30: PAC-MEA-SG31	O	10
37	1200	PAC	Package	M	1
Not Used	1210	MEA	Measurements	C	10
	1220		Segment Group 31: PCI-RFF-DTM-GIN	C	10
Not Used	1230	PCI	Package Identification	M	1
Not Used	1240	RFF	Reference	C	1
Not Used	1250	DTM	Date/Time/Period	C	5
Not Used	1260	GIN	Goods Identity Number	C	10
	1270		Segment Group 32: LOC-QTY-DTM	C	9999
Not Used	1280	LOC	Place/Location Identification	M	1
Not Used	1290	QTY	Quantity	C	100
Not Used	1300	DTM	Date/Time/Period	C	5
	1310		Segment Group 33: TAX-MOA-LOC	C	99
Not Used	1320	TAX	Duty/Tax/Fee Details	M	1
Not Used	1330	MOA	Monetary Amount	C	1
Not Used	1340	LOC	Place/Location Identification	C	5
	1350		Segment Group 34: NAD-LOC-SG35-SG36-SG37	C	20
Not Used	1360	NAD	Name and Address	M	1
Not Used	1370	LOC	Place/Location Identification	C	5

Army and Air Force Exchange Service

Not Used	1380		Segment Group 35: RFF-DTM	C	5
Not Used	1390	RFF	Reference	M	1
Not Used	1400	DTM	Date/Time/Period	C	5
Not Used	1410		Segment Group 36: DOC-DTM	C	5
Not Used	1420	DOC	Document/Message Details	M	1
Not Used	1430	DTM	Date/Time/Period	C	5
Not Used	1440		Segment Group 37: CTA-COM	C	5
Not Used	1450	CTA	Contact Information	M	1
Not Used	1460	COM	Communication Contact	C	5
	1470		Segment Group 38: ALC-ALI-DTM-SG39-SG40-SG41-SG42-SG43	C	15
39	1480	ALC	Allowance or Charge	M	1
Not Used	1490	ALI	Additional Information	C	5
Not Used	1500	DTM	Date/Time/Period	C	5
Not Used	1510		Segment Group 39: QTY-RNG	C	1
Not Used	1520	QTY	Quantity	M	1
Not Used	1530	RNG	Range Details	C	1
Not Used	1540		Segment Group 40: PCD-RNG	C	1
Not Used	1550	PCD	Percentage Details	M	1
Not Used	1560	RNG	Range Details	C	1
	1570		Segment Group 41: MOA-RNG	C	2
43	1580	MOA	Monetary Amount	M	1
Not Used	1590	RNG	Range Details	C	1
Not Used	1600		Segment Group 42: RTE-RNG	C	1
Not Used	1610	RTE	Rate Details	M	1
Not Used	1620	RNG	Range Details	C	1
Not Used	1630		Segment Group 43: TAX-MOA	C	5
Not Used	1640	TAX	Duty/Tax/Fee Details	M	1
Not Used	1650	MOA	Monetary Amount	C	1
Not Used	1660		Segment Group 44: TDT-SG45	C	10
Not Used	1670	TDT	Details of Transport	M	1
Not Used	1680		Segment Group 45: LOC-DTM	C	10
Not Used	1690	LOC	Place/Location Identification	M	1
Not Used	1700	DTM	Date/Time/Period	C	5
Not Used	1710		Segment Group 46: TOD-LOC	C	5
Not Used	1720	TOD	Terms of Delivery or Transport	M	1
Not Used	1730	LOC	Place/Location Identification	C	2
Not Used	1740		Segment Group 47: RCS-RFF-DTM-FTX	C	100
Not Used	1750	RCS	Requirements and Conditions	M	1
Not Used	1760	RFF	Reference	C	5
Not Used	1770	DTM	Date/Time/Period	C	5
Not Used	1780	FTX	Free Text	C	5

Section Control:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
44	1790	UNS	Section Control	M	1		

Summary Section:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
45	1800	CNT	Control Total	C	10		
	1810		Segment Group 48: MOA-SG49	M		100	
47	1820	MOA	Monetary Amount	M	1		
Not Used	1830		Segment Group 49: RFF-DTM	C		1	
Not Used	1840	RFF	Reference	M	1		
Not Used	1850	DTM	Date/Time/Period	C	5		
	1860		Segment Group 50: TAX-MOA	C		10	
Not Used	1870	TAX	Duty/Tax/Fee Details	M	1		
Not Used	1880	MOA	Monetary Amount	C	2		
	1890		Segment Group 51: ALC-ALI-MOA	O		15	
49	1900	ALC	Allowance or Charge	M	1		
Not Used	1910	ALI	Additional Information	C	1		
52	1920	MOA	Monetary Amount	C	2		
53	1930	UNT	Message Trailer	M	1		
54	1940	UNE	Functional Group Trailer	C	1		
55	1950	UNZ	Interchange Trailer	C	1		

Segment: **UNB Interchange Header**
Position: 0005
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To start, identify and specify an interchange
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	S001		SYNTAX IDENTIFIER	M
			Identification of the agency controlling the syntax and indication of syntax level.	
M		0001	Syntax identifier	M a4
			Coded identification of the agency controlling a syntax and syntax level used in an interchange. Refer to D.96A Data Element Dictionary for acceptable code values.	
M		0002	Syntax version number	M n1
			Version number of the syntax identified in the syntax identifier (0001).	
M	S002		INTERCHANGE SENDER	M
			Identification of the sender of the interchange.	
M		0004	Sender identification	M an..35
			Name or coded representation of the sender of a data interchange.	
		0007	Partner identification code qualifier	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
			1 DUNS (Dun & Bradstreet)	
			9 DUNS with 4 digit suffix	
			12 Telephone number	
			14 EAN (European Article Numbering Association)	
		0008	Address for reverse routing	C an..14
			Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing.	
M	S003		INTERCHANGE RECIPIENT	M
			Identification of the recipient of the interchange.	
M		0010	Recipient identification	M an..35
			Name or coded representation of the recipient of a data interchange.	
			<i>001695568GP for Production</i>	
			<i>001695568GT for Test</i>	
		0007	Partner identification code qualifier	C an..4
			Qualifier referring to the source of codes for the identifiers of interchanging partners.	
			14 EAN (European Article Numbering Association)	
		0014	Routing address	C an..14
			Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.	
M	S004		DATE AND TIME OF PREPARATION	M
			Date and time of preparation of the interchange.	

M	0017	Date of preparation	M n6
		Local date when an interchange or a functional group was prepared. <i>date in YYYYMMDD format, Eg. January 17, 2005 050117</i>	
M	0019	Time of preparation	M n4
		Local time of day when an interchange or a functional group was prepared. <i>Time in 24 hour-clock format, Eg. 3:30 p.m. is presented as 1530</i>	
M	0020	INTERCHANGE CONTROL REFERENCE	M an..14
		Unique reference assigned by the sender to an interchange. <i>Same as UNZ02 DE0020</i>	
	0035	TEST INDICATOR	C n1
		Indication that the interchange is a test. 1 Interchange is a test	

Segment: **UNG** Functional Group Header
Position: 0008
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To head, identify and specify a Functional Group
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This Segment is Mandatory. Please advise AAFES if your company would like to receive a CONTRL file acknowledging at the group level.

Data Element Summary

Data Element	Component Element	Data Element Summary	
		Name	Attributes
M	0038	FUNCTIONAL GROUP IDENTIFICATION Identification of the one type of messages in a functional group.	M an..6
M	S006	APPLICATION SENDER IDENTIFICATION Identification of the sender's division, department etc. from which a group of messages is sent.	M
M	0040	Application sender identification Name or code identifying the originating division, department etc. within the sender's organization.	M an..35
	0007	Partner identification code qualifier Qualifier referring to the source of codes for the identifiers of interchanging partners.	C an..4
		1 DUNS (Dun & Bradstreet)	
		9 DUNS with 4 digit suffix	
		12 Telephone number	
		14 EAN (European Article Numbering Association)	
M	S007	APPLICATION RECIPIENTS IDENTIFICATION Identification of the recipient's division, department etc. for which a group of messages is intended.	M
M	0044	Application recipient's identification Name or code identifying the division, department etc. within the recipient's organization for which the group of messages is intended.	M an..35
		<i>001695568GP for Production</i>	
		<i>001695568GT for Test</i>	
	0007	Partner identification code qualifier Qualifier referring to the source of codes for the identifiers of interchanging partners.	C an..4
		14 EAN (European Article Numbering Association)	
M	S004	DATE AND TIME OF PREPARATION Date and time of preparation of the interchange.	M
M	0017	Date of preparation Local date when an interchange or a functional group was prepared.	M n6
M	0019	Time of preparation Local time of day when an interchange or a functional group was prepared.	M n4
M	0048	FUNCTIONAL GROUP REFERENCE NUMBER Reference number for the functional group assigned by and unique within the sender's division, department etc.	M an..14
		<i>Same as UNE02 DE 0048</i>	
M	0051	CONTROLLING AGENCY Code identifying the agency controlling the specification, maintenance and	M an..2

publication of the message type.

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

M	S008	MESSAGE VERSION	M
		Specification of the type of messages in the functional group.	
M	0052	Message type version number	M an..3
		Version number of a message type.	
		"D"	
M	0054	Message type release number	M an..3
		Release number within the current message type version number (0052).	
		"96A"	
	0057	Association assigned code	C an..6
		Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.	
		"EAN008"	

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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example
 UNH+ME10005+INVOIC:D:96A:EAN008

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender. <i>Will Match UNT02</i>	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 Message claiming payment for goods or services supplied under conditions agreed between the seller and the buyer. The UNSM invoice message, with correct data qualification, serves also as the specification for debit note and credit note messages.	M an..6
M		0052	Message type version number Version number of a message type. <i>"D"</i>	M an..3
M		0054	Message type release number Release number within the current message type version number (0052). <i>"96A"</i>	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) UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).	M an..2
		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. <i>"EAN008"</i>	C an..6

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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example Original Invoice 896231

BGM+380+896231+9

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.	
M	1004	DOCUMENT/MESSAGE NUMBER	M an..22
		Reference number assigned to the document/message by the issuer.	
		<i>Invoice number</i>	
		<i>Do not send dashes spaces or any special characters</i>	
R	1225	MESSAGE FUNCTION, CODED	O an..3
		Code indicating the function of the message.	
		9 Original	
		Initial transmission related to a given transaction.	
		53 Test	
		Code indicating the message is to be considered as a test.	
		<i>Only to be used during testing</i>	

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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example January 05, 2005
DTM+3+20050105+102

Data Element Summary

	<u>Data Element</u>	<u>Component 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.	
		3	Invoice date/time	
			[2376] Date when a Commercial Invoice is issued.	
M		2380	Date/time/period	M an..35
			The value of a date, a date and time, a time or of a period in a specified representation.	
M		2379	Date/time/period format qualifier	M 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: **RFF** Segment Group 1: Reference
Position: 0080
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, despatch advice number.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0090	RFF	Reference	M	1	
Rec	0100	DTM	Date/Time/Period	O	5	

Segment: **RFF** Reference
Position: 0090 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example AAFES Purchase Order Number
RFF+OP:9875624422

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.	M an..3
		BM	Bill of lading number Reference number assigned to a bill of lading, see: 1001 = 705.	
			<i>To be used Only by Fuel Partners</i>	
		DQ	Delivery note number Reference number assigned by the issuer to a delivery note.	
		OP	Original purchase order Reference to the order previously sent.	
			<i>The AAFES 10-digit purchase order number or AAFES delivery order number must be present.</i>	
M		1154	Reference number Identification number the nature and function of which can be qualified by an entry in data element 1153 Reference qualifier.	M an..35

Segment: **DTM** Date/Time/Period
Position: 0100
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 2
Usage: Optional (Advised)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Ship date is required.

AAFES will process only one occurrence of the DTM segment to determine the ship date of the merchandise. Invoice payment is based on the later of scheduled ship date or invoice receipt date.

*Example: Shipped on January 07, 2005
 DTM+136+20050107*

Data Element Summary

Data Element	Component Element	Name	Attributes
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.	
		136 Departure date/time	
		[2280] Date (and time) of departure of means of transport.	
M	2380	Date/time/period	M an..35
		The value of a date, a date and time, a time or of a period in a specified representation.	
M	2379	Date/time/period format qualifier	M 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: 0110
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0120	NAD	Name and Address	M	1	

Segment: **NAD** Name and Address
Position: 0120 (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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Two NAD groups are required by AAFES. The first loop, the "ST" qualifier must be used to identify the AAFES ship-to-location. The "RE" qualifier must be used to identify the party to receive payment in the second NAD Group. NAD+C082 must contain the AFFES 7 digit and/or the EDI 4 digit code for direct charge program invoices.

Example:

NAD+ST+001695568K339::92

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		PARTY QUALIFIER Code giving specific meaning to a party.	M an..3
		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.	
		ST	Ship to Identification of the party to where goods will be or have been shipped.	
	C082		PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C
M	3039		Party id. identification Code identifying a party involved in a transaction.	M an..35
		3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
		16	DUNS (Dun & Bradstreet)	
		92	Assigned by buyer or buyer's agent	
	C080		PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	O
			<i>Not required if Party id. identification is sent</i>	
M	3036		Party name Name of a party involved in a transaction.	M an..35
		3036	Party name Name of a party involved in a transaction.	O an..35
	C059		STREET	O

		Street address and/or PO Box number in a structured address: one to three lines.		
		<i>Used only for "ST" and "BY" groups only. Not required if Party id. identification is sent</i>		
M	3042	Street and number/p.o. box	M	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	O	an..35
		Street and number in plain language, or Post Office Box No.		
	3042	Street and number/p.o. box	O	an..35
		Street and number in plain language, or Post Office Box No.		
3164		CITY NAME	O	an..35
		Name of a city (a town, a village) for addressing purposes.		
		<i>Not required if Party id. identification is sent</i>		
	3229	COUNTRY SUB-ENTITY IDENTIFICATION	O	an..9
		Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.		
		<i>Not required if Party id. identification is sent</i>		
	3251	POSTCODE IDENTIFICATION	O	an..9
		Code defining postal zones or addresses.		
		<i>Not required if Party id. identification is sent</i>		
	3207	COUNTRY, CODED	O	an..3
		Identification of the name of a country or other geographical entity as specified in ISO 3166.		
		<i>Not required if Party id. identification is sent</i>		

Group: **CUX** Segment Group 7: Currencies
Position: 0280
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	0290	CUX	Currencies	M	1	

Segment: **CUX** Currencies
Position: 0290 (Trigger Segment)
Group: Segment Group 7 (Currencies) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.

Dependency Notes:

Semantic Notes:

Comments:

Notes: *This segment is required, if the payment is in currency other than US Dollar. If Payment is in US Dollar, this segment is not used.*

Example

CUX+2:EUR:4'

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C504		CURRENCY DETAILS The usage to which a currency relates.	M
M		6347	Currency details qualifier Specification of the usage to which the currency relates. 2 Reference currency The currency applicable to amounts stated. It may have to be converted.	M an..3
M		6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction. <i>Three digit currency code of desired payment.</i>	M an..3
		6343	Currency qualifier 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.	C an..3

Group: **PAT** Segment Group 8: Payment Terms Basis
Position: 0310
Group:
Level: 1
Usage: Optional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole invoice.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0320	PAT	Payment Terms Basis	M	1	
	0330	DTM	Date/Time/Period	C	5	
	0340	PCD	Percentage Details	C	1	
	0350	MOA	Monetary Amount	C	1	

Segment: **PAT** Payment Terms Basis
Position: 0320 (Trigger Segment)
Group: Segment Group 8 (Payment Terms Basis) Optional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the payment terms and date/time basis.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
 PAT+1++ZZZ::D:10

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. 2 End of month 5 Discount not applicable 9 Proximo Occurring in the next month after present.	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. <i>Used for Net Days</i> ZZZ Other reference date agreed upon between the parties <i>Discount Days Due</i>	M an..3
		2151	Type of period, coded Agreed or specified period of time (coded). D Day	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

Segment: **DTM** Date/Time/Period
Position: 0330
Group: Segment Group 8 (Payment Terms Basis) Optional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example
 DTM+13:20050131:102

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	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
		12	Terms discount due date/time Date by which payment should be made if discount terms are to apply.	
		13	Terms net due date Date by which payment must be made.	
		2380	Date/time/period The value of a date, a date and time, a time or of a period in a specified representation.	C an..35
		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 Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Segment: **PCD** **Percentage Details**
Position: 0340
Group: Segment Group 8 (Payment Terms Basis) Optional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the discount, interest, penalty as well as instalment percentage.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example
PCD+7:2:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C501		PERCENTAGE DETAILS Percentage relating to a specified basis.	M
M		5245	Percentage qualifier Identification of the usage of a percentage. 7 Percentage of invoice	M an..3
		5482	Percentage Value expressed as a percentage of a specified amount.	C n..10

Segment: **MOA** Monetary Amount
Position: 0350
Group: Segment Group 8 (Payment Terms Basis) Optional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying amounts related to payment discount penalties or instalments.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
MOA+109:200

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. 109 Payment discount amount	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

Group: **LIN** Segment Group 25: Line Item
Position: 0890
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999999
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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0900	LIN	Line Item	M	1	
	0910	PIA	Additional Product Id	C	25	
	0920	IMD	Item Description	O	10	
	0940	QTY	Quantity	C	5	
	1030		Segment Group 26: Monetary Amount	C		5
	1110		Segment Group 28: Price Details	C		25
	1190		Segment Group 30: Package	O		10
	1470		Segment Group 38: Allowance or Charge	C		15

Segment: **LIN** Line Item
Position: 0900 (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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example
 LIN+1++9300633543211:EN

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
	1082	LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C n..6
	C212	ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
R	7140	Item number A number allocated to a group or item.	O an..35
R	7143	Item number type, coded Identification of the type of item number.	O an..3
	AH	UPC (Universal Product Code) Consumer package code (1-5-5) An 11-digit code that uniquely identifies consumer packaging of a product; does not have a check digit.	
	AL	UPC (Universal Product Code) Shipping container code (1-2-5- 5) A 13-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator.	
	EN	International Article Numbering Association (EAN) Number assigned to a manufacturer's product according to the International Article Numbering Association.	
	IB	ISBN (International Standard Book Number)	
	UP	UPC (Universal product code) Number assigned to a manufacturer's product by the Product Code Council.	
	ZZZ	Mutually defined	
		<i>U.P.C./EAN Case Code (2-5-5)</i>	

Segment: **PIA** Additional Product Id
Position: 0910
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.

Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	4347		PRODUCT ID. FUNCTION QUALIFIER Indication of the function of the product code. 1 Additional identification Information which specifies and qualifies product identifications.	M an..3
M	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	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. IN Buyer's item number	C an..3
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
		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. VN Vendor item number Reference number assigned by a vendor/seller identifying a product/service/article.	C an..3
	C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C
		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. BP Buyer's part number Reference number assigned by the buyer to identify an article. <i>Buyers Catalog Number. Used only for Catalog Drop Ship</i>	C an..3

Segment: **IMD** Item Description
Position: 0920
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Optional (Optional)
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.

Dependency Notes:

Semantic Notes:

Comments:

Notes: *If the item cannot be identified by the LIN group, AAFES may elect to receive an item description*

AAFES will only use 1 IMD per line (LIN)

Example

IMD+F+:::DESCRIPTION

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	7077		ITEM DESCRIPTION TYPE, CODED Code indicating the format of a description. F Free-form	M an..3
	C273		ITEM DESCRIPTION Description of an item.	C
X		7009	Item description identification	C an..17
		7008	Item description Plain language description of articles or products. <i>Item description.</i>	C an..35
		7008	Item description Plain language description of articles or products.	C an..35

Segment: **QTY** Quantity
Position: 0940
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.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
 QTY+47:135:EA

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</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: 1030
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary

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

Segment: **MOA** Monetary Amount
Position: 1040 (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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example
MOA+146:1299

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. 146 Unit price (5110) Reporting monetary amount is a "per unit" amount.	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

Group: **PRI** Segment Group 28: Price Details
Position: 1110
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

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1120	PRI	Price Details	M	1	

Group: **PAC** Segment Group 30: Package
Position: 1190
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Optional (Optional)
Max Use: 10
Purpose: A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item.

Segment Summary

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1200	PAC	Package	M	1	

Segment: **PAC** Package
Position: 1200 (Trigger Segment)
Group: Segment Group 30 (Package) Optional (Optional)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the number and type of packages for the line item, e.g. number and type of pallets.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Case pack information is required if billing unit in case

Example

PAC+1

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
7224		NUMBER OF PACKAGES	C n..8
		Number of individual parts of a shipment either unpacked, or packed in such a way that they cannot be divided without first undoing the packing.	

Group: **ALC** Segment Group 38: Allowance or Charge
Position: 1470
Group: Segment Group 25 (Line Item) Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
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.

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		2

Segment: **ALC** Allowance or Charge
Position: 1480 (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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example

ALC+C+ABN+

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5463		ALLOWANCE OR CHARGE QUALIFIER Specification of an allowance or charge for the service specified. A Allowance C Charge	M an..3
	C214		SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C
		7161	Special services, coded Code identifying a special service. AA Advertising allowance Description to be provided. AAH Processing surcharge Charging for increased processing costs. AAK Energy surcharge Surcharge for energy costs. AAT Rush delivery Charge for increased delivery speed. ABE Reservicing charge Fee for services provided after initial service. ABN Dunnage charge A charge incurred to cover the costs of the additional padding materials and labour required to secure and protect a cargo within a shipping container. ACY Container deposit charge The charge relating to the packaging of a product in a container when the container is expected to be returned and has value when empty. ACZ Damaged merchandise The charge or credit relating to the circumstance of product being damaged and not saleable. ADF Excise tax-destination The excise tax applied to a product by the country of destination. CAG Competitive allowance Price adjustment allowed for market conditions or factors. CL Contract allowance Description to be provided.	C an..3

DA	Defective allowance Description to be provided.
DAE	Distributor discount/allowance Specific discount/allowance for distributors.
DI	Discount A reduction from a usual or list price.
EAA	Early buy allowance Allowance granted to customers buying early.
EX	Export shipping charge Description to be provided.
FC	Freight charge Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).
LS	Local sales tax (All applicable sales taxes by authorities below the state level).
PAD	Promotional allowance Description to be provided.
PAE	Promotional discount Description to be provided.
PI	Pick-up allowance Description to be provided.
PL	Palletizing Description to be provided.
PN	Pallet charge Description to be provided.
QAA	Quantity surcharge Fee associated with providing goods outside "normal" quantity limits.
QD	Quantity discount Description to be provided.
RAA	Rebate Description to be provided.
RAB	Repack charge Description to be provided.
RAF	Restocking charge Description to be provided.
SAA	Shipping and handling Description to be provided.
SAB	Special allowance Description to be provided.
SG	Shrink-wrap charge Description to be provided.
TAE	Truckload discount Description to be provided.
TD	Trade discount Description to be provided.
TS	State tax All applicable taxes by authorities at the state or

Army and Air Force Exchange Service

TX	provincial level, below national level. Tax
TZ	Contribution levied by an authority. Temporary allowance Description to be provided.
UM	Unsaleable merchandise allowance Description to be provided.
VAB	Volume discount Discount offered based on the amount of purchase.

Group: **MOA** Segment Group 41: Monetary Amount
Position: 1570
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. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1580	MOA	Monetary Amount	M	1	

Segment: **MOA** Monetary Amount
Position: 1580 (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.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
 MOA+38:20.00
 Line item only

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. 8 Allowance or charge amount [5422] Total amount of allowance or charge.	M an..3
		5004	Monetary amount Number of monetary units.	C n..18

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.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
UNS+S

Data Element Summary

	<u>Data Element</u>	<u>Component 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.	

Segment: **CNT** Control Total
Position: 1800
Group:
Level: 1
Usage: Conditional (Advised)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Required by AAFES

Example

CNT+1:1

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	C270		CONTROL	M
			Control total for checking integrity of a message or part of a message.	
M		6069	Control qualifier	M an..3
			Determines the source data elements in the message which forms the basis for 6066 Control value.	
			2 Number of line items in message	
M		6066	Control value	M n..18
			Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	

Group: **MOA** Segment Group 48: Monetary Amount
Position: 1810
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

	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

The MOA+5025 '39' must reflect the total extended amount of the LIN segments and ALC segments
 Example
 MOA+39+120.00

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		5025	Monetary amount type qualifier Indication of type of amount.	M an..3
			13 Amount subject to total monetary discount	
			39 Invoice total amount [5444] Total sum charged in respect of one or more Invoices in accordance with the terms of delivery.	
			53 Discount amount due	
		5004	Monetary amount Number of monetary units.	C n..18

Group: **ALC** Segment Group 51: Allowance or Charge
Position: 1890
Group:
Level: 1
Usage: Optional (Optional)
Max Use: 15
Purpose: A group of segments specifying allowances and charges summary totals for the invoice.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1900	ALC	Allowance or Charge	M	1	
	1920	MOA	Monetary Amount	C	2	

Segment: **ALC** Allowance or Charge
Position: 1900 (Trigger Segment)
Group: Segment Group 51 (Allowance or Charge) Optional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance type to be summarised.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
 ALC+C+ABN

Data Element Summary

M	Data Element	Component Element	Name		Attributes
	5463		ALLOWANCE OR CHARGE QUALIFIER		M an..3
			Specification of an allowance or charge for the service specified.		
			A	Allowance	
			C	Charge	
	C214		SPECIAL SERVICES IDENTIFICATION		C
			Identification of a special service by a code from a specified source or by description.		
		7161	Special services, coded		C an..3
			Code identifying a special service.		
			AA	Advertising allowance	
				Description to be provided.	
			AAH	Processing surcharge	
				Charging for increased processing costs.	
			AAK	Energy surcharge	
				Surcharge for energy costs.	
			AAT	Rush delivery	
				Charge for increased delivery speed.	
			ABE	Reservicing charge	
				Fee for services provided after initial service.	
			ABN	Dunnage charge	
				A charge incurred to cover the costs of the additional padding materials and labour required to secure and protect a cargo within a shipping container.	
			ACY	Container deposit charge	
				The charge relating to the packaging of a product in a container when the container is expected to be returned and has value when empty.	
			ACZ	Damaged merchandise	
				The charge or credit relating to the circumstance of product being damaged and not saleable.	
			ADF	Excise tax-destination	
				The excise tax applied to a product by the country of destination.	
			CAG	Competitive allowance	
				Price adjustment allowed for market conditions or factors.	
			CL	Contract allowance	
				Description to be provided.	
			DA	Defective allowance	

	Description to be provided.
DAE	Distributor discount/allowance Specific discount/allowance for distributors.
DI	Discount A reduction from a usual or list price.
EAA	Early buy allowance Allowance granted to customers buying early.
EX	Export shipping charge
FC	Description to be provided. Freight charge Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).
LS	Local sales tax (All applicable sales taxes by authorities below the state level).
PAD	Promotional allowance Description to be provided.
PAE	Promotional discount Description to be provided.
PI	Pick-up allowance Description to be provided.
PL	Palletizing Description to be provided.
PN	Pallet charge Description to be provided.
QAA	Quantity surcharge Fee associated with providing goods outside "normal" quantity limits.
QD	Quantity discount Description to be provided.
RAA	Rebate Description to be provided.
RAB	Repack charge Description to be provided.
RAF	Restocking charge Description to be provided.
SAA	Shipping and handling Description to be provided.
SAB	Special allowance Description to be provided.
SG	Shrink-wrap charge Description to be provided.
TAE	Truckload discount Description to be provided.
TD	Trade discount Description to be provided.
TS	State tax All applicable taxes by authorities at the state or provincial level, below national level.

Army and Air Force Exchange Service

TX	Tax Contribution levied by an authority.
TZ	Temporary allowance Description to be provided.
UM	Unsaleable merchandise allowance Description to be provided.
VAB	Volume discount Discount offered based on the amount of purchase.

Segment: **MOA** Monetary Amount
Position: 1920
Group: Segment Group 51 (Allowance or Charge) Optional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment specifying the summary amount for the allowance or charge.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example
 MOA+8:100.00
 Entire invoice amount

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. 8 Allowance or charge amount [5422] Total amount of allowance or charge.	M an..3
	5004	Monetary amount Number of monetary units.	C n..18

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.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Example
 UNT+1+ME10005

Data Element Summary

	<u>Data Element</u>	<u>Component 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

Segment: **UNE** Functional Group Trailer
Position: 1940
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of a Functional Group
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0060		NUMBER OF MESSAGES A count of the number of messages in a functional group.	M n..6
M	0048		FUNCTIONAL GROUP REFERENCE NUMBER Reference number for the functional group assigned by and unique within the sender's division, department etc. <i>Same as UNG05 DE 0048</i>	M an..14

Segment: **UNZ Interchange Trailer**
Position: 1950
Group:
Level: 0
Usage: Conditional (Optional)
Max Use: 1
Purpose: To end and check the completeness of an interchange.
Dependency Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	0036		INTERCHANGE CONTROL COUNT Count either of the number of messages or, if used, of the number of functional groups in an interchange.	M n..6
M	0020		INTERCHANGE CONTROL REFERENCE Unique reference assigned by the sender to an interchange.	M an..14
			<i>Same as UNB05 DE 0020</i>	