

INVOIC Invoice message

Header

OCEAN REQ. DES.	PAGE #	SEG. ID	NAME	EDIFACT REQ. DES.	MAX USE	GROUP REPEAT
M	308	UNH	Message header	M	1	
M	310	BGM	Beginning of message	M	1	
M	312	DTM	Date/time/period	M	35	
Z	314	PAI	Payment instructions	C	1	
X		ALI	Additional information	C	5	
X		IMD	Item description	C	1	
X		FTX	Free text	C	10	
Z		SEGMENT GROUP - 1 - RFF			C	99
Z	315	RFF	Reference	M	1	
X		DTM	Date/time/period	C	5	
M		SEGMENT GROUP - 2 - NAD			C	99
M	316	NAD	Name and address	M	1	
M	319	LOC	Place/location identification	C	25	
Z	321	FII	Financial institution information	C	5	
C		SEGMENT GROUP - 3 - NAD/RFF			C	9999
M	323	RFF	Reference	M	1	
X		DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 4 - NAD/DOC			C	5
X		DOC	Document/message details	M	1	
X		DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 5 - NAD/CTA			C	5
X		CTA	Contact information	M	1	
X		COM	Communication contact	C	5	
Z		SEGMENT GROUP - 6 - TAX			C	5
Z	324	TAX	Duty/tax/fee details	M	1	
X		MOA	Monetary amount	C	1	
X		LOC	Place/location identification	C	5	
M		SEGMENT GROUP - 7 - CUX			C	5
M	326	CUX	Currencies	M	1	
X		DTM	Date/time/period	C	5	
Z		SEGMENT GROUP - 8 - PAT			C	10
Z	328	PAT	Payment terms basis	M	1	
C	329	DTM	Date/time/period	C	5	
Z	330	PCD	Percentage details	C	1	
Z	331	MOA	Monetary amount	C	1	

X	PAI	Payment instructions	C	1	
X	FII	Financial institution information	C	1	
X		SEGMENT GROUP - 9 - TDT	C		10
X	TDT	Details of transport	M	1	
X		SEGMENT GROUP - 10 - TDT/LOC	C		10
X	LOC	Place/location identification	M	1	
X	DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 11 - TDT/RFF	C		9999
X	RFF	Reference	M	1	
X	DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 12 - TOD	C		5
X	TOD	Terms of delivery or transport	M	1	
X	LOC	Place/location identification	C	2	
X		SEGMENT GROUP - 13 - PAC	C		1000
X	PAC	Package	M	1	
X	MEA	Measurements	C	5	
X		SEGMENT GROUP - 14 - PAC/PCI	C		5
X	PCI	Package identification	M	1	
X	RFF	Reference	C	1	
X	DTM	Date/time/period	C	5	
X	GIN	Goods identity number	C	5	
X		SEGMENT GROUP - 15 - ALC	C		9999
X	ALC	Allowance or charge	M	1	
X	ALI	Additional information	C	5	
X		SEGMENT GROUP - 16 - ALC/RFF	C		5
X	RFF	Reference	M	1	
X	DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 17 - ALC/QTY	C		1
X	QTY	Quantity	M	1	
X	RNG	Range details	C	1	
X		SEGMENT GROUP - 18 - ALC/PCD	C		1
X	PCD	Percentage details	M	1	
X	RNG	Range details	C	1	
X		SEGMENT GROUP - 19 - ALC/MOA	C		2
X	MOA	Monetary amount	M	1	
X	RNG	Range details	C	1	
X		SEGMENT GROUP - 20 - ALC/RTE	C		1
X	RTE	Rate details	M	1	
X	RNG	Range details	C	1	
X		SEGMENT GROUP - 21 - ALC/TAX	C		5
X	TAX	Duty/tax/fee details	M	1	
X	MOA	Monetary amount	C	1	
X		SEGMENT GROUP - 22 - RCS	C		100
X	RCS	Requirements and conditions	M	1	
X	RFF	Reference	C	5	
X	DTM	Date/time/period	C	5	
X	FTX	Free text	C	5	
X		SEGMENT GROUP - 23 - AJT	C		1
X	AJT	Adjustment details	M	1	
X	FTX	Free text	C	5	
X		SEGMENT GROUP - 24 - INP	C		1
X	INP	Parties to instruction	M	1	
X	FTX	Free text	C	5	

Detail

OCEAN REQ. DES.	PAGE #	SEG. ID	NAME	EDIFACT REQ. DES.	MAX USE	GROUP REPEAT
C		SEGMENT GROUP - 25 - LIN			C	999999
M	332	LIN	Line item	M	1	
X		PIA	Additional product id	C	25	
X		IMD	Item description	C	10	
X		MEA	Measurements	C	5	
M	334	QTY	Quantity	C	5	
X		PCD	Percentage details	C	1	
X		ALI	Additional information	C	5	
C	335	DTM	Date/time/period	C	35	
X		GIN	Goods identity number	C	1000	
X		GIR	Related identification numbers	C	1000	
X		QVR	Quantity variances	C	1	
X		EQD	Equipment details	C	1	
X		FTX	Free text	C	5	
M		SEGMENT GROUP - 26 - LIN/MOA			C	5
M	336	MOA	Monetary amount	M	1	
C	338	CUX	Currencies	C	1	
X		SEGMENT GROUP - 27 - LIN/PAT			C	10
X		PAT	Payment terms basis	M	1	
X		DTM	Date/time/period	C	5	
X		PCD	Percentage details	C	1	
X		MOA	Monetary amount	C	1	
M		SEGMENT GROUP - 28 - LIN/PRI			C	25
M	340	PRI	Price details	M	1	
X		APR	Additional price information	C	1	
X		RNG	Range details	C	1	
X		DTM	Date/time/period	C	5	
M		SEGMENT GROUP - 29 - LIN/RFF			C	10
M	342	RFF	Reference	M	1	
X		DTM	Date/time/period	C	5	
C		SEGMENT GROUP - 30 - LIN/PAC			C	10
M	344	PAC	Package	M	1	
C	346	MEA	Measurements	C	10	
X		SEGMENT GROUP - 31 - LIN/PAC/PCI			C	10
X		PCI	Package identification	M	1	
X		RFF	Reference	C	1	
X		DTM	Date/time/period	C	5	
X		GIN	Goods identity number	C	10	
Z		SEGMENT GROUP - 32 - LIN/LOC			C	9999
Z	347	LOC	Place/location identification	M	1	
X		QTY	Quantity	C	100	
X		DTM	Date/time/period	C	5	
C		SEGMENT GROUP - 33 - LIN/TAX			C	20
M	349	TAX	Duty/tax/fee details	M	1	
C	352	MOA	Monetary amount	C	1	
X		LOC	Place/location identification	C	5	
C		SEGMENT GROUP - 34 - LIN/NAD			C	20
M	353	NAD	Name and address	M	1	

X	LOC	Place/location identification	C	5	
X		SEGMENT GROUP - 35 - LIN/NAD/RFF	C		5
X	RFF	Reference	M	1	
X	DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 36 - LIN/NAD/DOC	C		5
X	DOC	Document/message details	M	1	
X	DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 37 - LIN/NAD/CTA	C		5
X	CTA	Contact information	M	1	
X	COM	Communication contact	C	5	
C		SEGMENT GROUP - 38 - LIN/ALC	C		15
M	355	ALC Allowance or charge	M	1	
X	ALI	Additional information	C	5	
X	DTM	Date/time/period	C	5	
C		SEGMENT GROUP - 39 - LIN/ALC/QTY	C		1
M	358	QTY Quantity	M	1	
X	RNG	Range details	C	1	
C		SEGMENT GROUP - 40 - LIN/ALC/PCD	C		1
M	359	PCD Percentage details	M	1	
X	RNG	Range details	C	1	
C		SEGMENT GROUP - 41 - LIN/ALC/MOA	C		2
M	360	MOA Monetary amount	M	1	
X	RNG	Range details	C	1	
C		SEGMENT GROUP - 42 - LIN/ALC/RTE	C		1
M	362	RTE Rate details	M	1	
X	RNG	Range details	C	1	
C		SEGMENT GROUP - 43 - LIN/ALC/TAX	C		5
M	363	TAX Duty/tax/fee details	M	1	
C	366	MOA Monetary amount	C	1	
X		SEGMENT GROUP - 44 - LIN/TDT	C		10
X	TDT	Details of transport	M	1	
X		SEGMENT GROUP - 45 - LIN/TDT/LOC	C		10
X	LOC	Place/location identification	M	1	
X	DTM	Date/time/period	C	5	
X		SEGMENT GROUP - 46 - LIN/TOD	C		5
X	TOD	Terms of delivery or transport	M	1	
X	LOC	Place/location identification	C	2	
X		SEGMENT GROUP - 47 - LIN/RCS	C		100
X	RCS	Requirements and conditions	M	1	
X	RFF	Reference	C	5	
X	DTM	Date/time/period	C	5	
X	FTX	Free text	C	5	

Summary

OCEAN REQ. DES.	PAGE #	SEG. ID	NAME	EDIFACT REQ. DES.	MAX USE	GROUP REPEAT
M	367	UNS	Section control	M	1	

C	368	CNT	Control total	C	10	
M			SEGMENT GROUP - 48 - MOA	M		100
M	369	MOA	Monetary amount	M	1	
C			SEGMENT GROUP - 49 - MOA/RFF	C		1
M	371	RFF	Reference	M	1	
X		DTM	Date/time/period	C	5	
C			SEGMENT GROUP - 50 - TAX	C		10
M	372	TAX	Duty/tax/fee details	M	1	
C	375	MOA	Monetary amount	C	2	
X			SEGMENT GROUP - 51 - ALC	C		15
X		ALC	Allowance or charge	M	1	
X		ALI	Additional information	C	1	
X		MOA	Monetary amount	C	2	
M	376	UNT	Message trailer	M	1	

SEGMENT: **UNH** Message header

STATUS: Mandatory

REPEAT: 1

FUNCTION: To head, identify and specify a message.

CLARIFICATION: 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 95B
0051 UN

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
UNH01	0062 MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M	an..14
	This number is generated by an EDI translator, but may be controlled by the users of those translators through the use of parameters. This number does not represent values from an application system.		
UNH02	S009 MESSAGE IDENTIFIER Identification of the type, version etc. of the message being interchanged.	M	
UNH02 - 1	0065 Message type identifier Code identifying a type of message and assigned by its controlling agency.	M	an..6
	INVOIC Invoice message <i>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.</i>		
UNH02 - 2	0052 Message type version number Version number of a message type.	M	an..3
	D95		
UNH02 - 3	0054 Message type release number Release number within the current message type version number (0052).	M	an..3
	B		
UNH02 - 4	0051 Controlling agency Code identifying the agency controlling the specification, maintenance and publication of the message type.	M	an..2

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).

UNH02 - 5 **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.
Note: Use codes defined by association given in 0051.

Use AVNET-assigned "AVN2".

UNH03 **0068 COMMON ACCESS REFERENCE** **C an..35**
Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

Not Used

UNH04 **S010 STATUS OF THE TRANSFER** **C**
Statement that the message is one of a sequence of transfers relating to the same topic.

SEGMENT: **BGM Beginning of message**

STATUS: Mandatory

REPEAT: 1

FUNCTION: To indicate the type and function of a message and to transmit the identifying number.

CLARIFICATION: A segment by which the sender must uniquely identify the invoice by means of its type and number and when necessary its function.

COMMENT: **The BGM segment is used to indicate the Invoice Type (i.e. Commerical Invoice or Credit Note), assign an identifier to the invoice and also to provide a method of document control for corrections and adjustments.**

Correction and adjustment transactions may be performed at either a header level, or detail level. Common practices for proforming Correction and Adjustment transactions, include either using a combination of a Cancellation and a Replacement message or just a change message.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
BGM01	C002 DOCUMENT/MESSAGE NAME Identification of a type of document/message by code or name. Code preferred.	C	
Required	BGM01 - 1 1001 Document/message name, coded Document/message identifier expressed in code.	C	an..3
AVNET Business Requirement: Invoice Type (#8)			
	380 Commercial invoice <i>Document/message claiming payment for goods or services supplied under conditions agreed between seller and buyer.</i>		
	381 Credit note <i>Document/message for providing credit information to the relevant party.</i>		
	BGM01 - 2 1131 Code list qualifier Identification of a code list.	C	an..3
	BGM01 - 3 3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
	BGM01 - 4 1000 Document/message name Plain language identifier specifying the function of a document/message.	C	an..35
Required	BGM02 1004 DOCUMENT/MESSAGE NUMBER Reference number assigned to the document/message by the issuer.	C	an..35
AVNET Business Requirement: Invoice Number (#7)			
	BGM03 1225 MESSAGE FUNCTION, CODED Code indicating the function of the message.	C	an..3
AVNET Business Requirement: Transaction Type (#18)			
One occurrence of data element 1225 is required by AVNET.			
	1 Cancellation <i>Message cancelling a previous transmission for a given transaction.</i>		

4 Change
Message containing items (e.g. line items, goods items, Customs items, equipment items) to be changed in a previously sent message.

The following is an example of when to use code "4". After receiving an invoice, an attempt to process payment causes an exception. This requires manual intervention with the vendor. After the resolution has been reached, the vendor would send a revision or change to the invoice that implies the net difference, instead of cancelling the original and recurring another invoice against the same purchase order.

5 Replace
Message replacing a previous message.

If this code is used, the use of the RFF segment in Group 29 is recommended to indicate the previous invoice identifier, which identifies a previously sent invoice. This is used for the referencing and sequencing of an invoice.

7 Duplicate
The message is a duplicate of a previously generated message.

Re-issue

9 Original
Initial transmission related to a given transaction.

Not Used

BGM04

4343 **RESPONSE TYPE, CODED**

C an..3

Code specifying the type of acknowledgement required or transmitted.

SEGMENT: DTM Date/time/period

STATUS: Mandatory

REPEAT: 35

FUNCTION: To specify date, and/or time, or period.

CLARIFICATION: 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.

COMMENT: **The DTM segment is used to indicate the Invoice Date. It may also be used to indicate period start/end dates for summarized invoices and a tax point date if VAT/FISCAL data is required.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
DTM01	C507 DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	
All three components of this composite data element are required by AVNET.			
DTM01 - 1	2005 Date/time/period qualifier Code giving specific meaning to a date, time or period.	M	an..3
	117 Delivery date/time, first <i>First possible date/time for delivery.</i> AVNET Business Requirement: Period Start Date (#71) Required if the invoice is summarizing a group of delivery tickets.		
	128 Delivery date/time, last <i>Date when delivery should be or has been accomplished.</i> AVNET Business Requirement: Period End Date (#70) Required if the invoice is summarizing a group of delivery tickets.		
	131 Tax point date <i>Date on which tax is due or calculated.</i> AVNET Business Requirement: Tax Point Date (#79) Required if authorities of the country where the invoice is created require inclusion of VAT/Fiscal data; and if the tax point date differs from the invoice date.		
	3 Invoice date/time <i>[2376] Date when a Commercial Invoice is issued.</i>		

**AVNET Business Requirement: Invoice Date (#68)
Required by AVNET.**

DTM01 - 2 2380 Date/time/period C an..35
The value of a date, a date and time, a time or of a
period in a specified representation.

DTM01 - 3 2379 Date/time/period format qualifier C an..3
Specification of the representation of a date, a date
and time or of a period.

101 YYMMDD
Calendar date: Y = Year; M = Month; D = Day.

102 CCYYMMDD
*Calendar date: C = Century ; Y = Year ; M =
Month ; D = Day.*
This format is the preferred date/time/period format.

SEGMENT: **PAI** **Payment instructions**

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 1

FUNCTION: To specify the instructions for payment.

CLARIFICATION: A segment requesting or confirming conditions of payment, guarantee and method of payment for the whole invoice. An example of the use of this segment is to specify the type of documentary credit used in the transaction.

COMMENT: **The PAI segment is used to specify in which way the payment requested by the invoice is to be made. This business requirement is typically satisfied in a Fuel Contract.**

Used by AVNET if data is not known by invoice receiver.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
	PAI01 C534 PAYMENT INSTRUCTION DETAILS	M	
	Indication of method of payment employed or to be employed.		
Not Recommended	PAI01 - 1 4439 Payment conditions, coded	C	an..3
	Identification of the method employed or to be employed in order that a payment may be made or regarded as made. The method may or may not be tied to a guarantee.		
Not Recommended	PAI01 - 2 4431 Payment guarantee, coded	C	an..3
	Identification of the means of guarantee.		
	PAI01 - 3 4461 Payment means, coded	C	an..3
	Indication of the instrument of payment, which may include a guarantee.		
	AVNET Business Requirement: Method of Payment (#108)		
Not Recommended	PAI01 - 4 1131 Code list qualifier	C	an..3
	Identification of a code list.		
Not Recommended	PAI01 - 5 3055 Code list responsible agency, coded	C	an..3
	Code identifying the agency responsible for a code list.		
Not Recommended	PAI01 - 6 4435 Payment channel, coded	C	an..3
	Identification of the channel of payment.		

GROUP: 1 RFF

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 99

FUNCTION: 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: RFF Reference

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a reference.

CLARIFICATION: A segment identifying the reference by its number and where appropriate a line number within a document.

COMMENT: **This RFF segment was used by AVNET in the previous version. The business functionality is now met in the RFF segment in Group 29.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
RFF01	C506 REFERENCE Identification of a reference.	M	
RFF01 - 1	1153 Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M	an..3
RFF01 - 2	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
RFF01 - 3	1156 Line number Number of the line in the document/message referenced in 1154 Reference number.	C	an..6
RFF01 - 4	4000 Reference version number To uniquely identify a reference by its revision number.	C	an..35

GROUP: 2 NAD

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 99

FUNCTION: A group of segments identifying the parties with associated information.

SEGMENT: NAD Name and address

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

CLARIFICATION: 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.

COMMENT: **The NAD segment is used to identify the trading partners involved in the transaction cycle.**

If freight is paid on the invoice, then codes "SF" and "ST" may be used.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
NAD01	3035 PARTY QUALIFIER	M	an..3
	Code giving specific meaning to a party.		
	AG	Agent/representative <i>(3196) Party authorized to act on behalf of another party.</i> AVNET Business Requirement: Product/Service Deliverer (#34) Required if the product/service deliverer is different from the invoice issuer.	
	AP	Accepting party <i>(3352) Party accepting goods, products, services etc.</i> AVNET Business Requirement: Product/Service Receiver (#35) Required if the product/service receiver is different from the invoiced company.	
	II	Issuer of invoice <i>(3028) Party issuing an invoice.</i> AVNET Business Requirement: Invoice Issuer (#25) Required by AVNET.	
	IV	Invoicee <i>(3006) Party to whom an invoice is issued.</i>	

		AVNET Business Requirement: Invoiced Company (#24) Required by AVNET.
PR	Payer <i>(3308) Party initiating payment.</i>	AVNET Business Requirement: Payment Issuer (#32)
RB	Receiving financial institution <i>Financial institution designated to receive payment.</i>	AVNET Business Requirement: Financial Institution (#23)
RE	Party to receive commercial invoice remittance <i>Party to whom payment for a commercial invoice or bill should be remitted.</i>	AVNET Business Requirement: Payment Receiver (#33) Required if data is not known by invoice receiver.
SF	Ship from <i>Identification of the party from where goods will be or have been shipped.</i>	AVNET Business Requirement: From Location (#81)
ST	Ship to <i>Identification of the party to where goods will be or have been shipped.</i>	AVNET Business Requirement: Receiving Location (#85)

Required	NAD02	C082	PARTY IDENTIFICATION DETAILS	C
			Identification of a transaction party by code.	
	NAD02 - 1	3039	Party id. identification	M an..35
			Code identifying a party involved in a transaction.	
	NAD02 - 2	1131	Code list qualifier	C an..3
			Identification of a code list.	
		100	Enhanced party identification	
Required	NAD02 - 3	3055	Code list responsible agency, coded	C an..3
			Code identifying the agency responsible for a code list.	
		115	US, DODAAC (Department Of Defense Active Agency Code)	
		16	DUNS (Dun & Bradstreet)	
		163	US, FMC (Federal Maritime Commission)	
		3	IATA (International Air Transport Association)	
		91	Assigned by seller or seller's agent	
		92	Assigned by buyer or buyer's agent	
Not Recommended	NAD03	C058	NAME AND ADDRESS	C
			Unstructured name and address: one to five lines.	

	NAD03 - 1	3124	Name and address line Free form name and address description.	M an..35
	NAD03 - 2	3124	Name and address line Free form name and address description.	C an..35
	NAD03 - 3	3124	Name and address line Free form name and address description.	C an..35
	NAD03 - 4	3124	Name and address line Free form name and address description.	C an..35
	NAD03 - 5	3124	Name and address line Free form name and address description.	C an..35
Not Recommended	NAD04	C080	PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C
	NAD04 - 1	3036	Party name Name of a party involved in a transaction.	M an..35
	NAD04 - 2	3036	Party name Name of a party involved in a transaction.	C an..35
	NAD04 - 3	3036	Party name Name of a party involved in a transaction.	C an..35
	NAD04 - 4	3036	Party name Name of a party involved in a transaction.	C an..35
	NAD04 - 5	3036	Party name Name of a party involved in a transaction.	C an..35
	NAD04 - 6	3045	Party name format, coded Specification of the representation of a party name.	C an..3
Not Recommended	NAD05	C059	STREET Street address and/or PO Box number in a structured address: one to three lines.	C
	NAD05 - 1	3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	M an..35
	NAD05 - 2	3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	C an..35
	NAD05 - 3	3042	Street and number/p.o. box Street and number in plain language, or Post Office Box No.	C an..35
Not Recommended	NAD06	3164	CITY NAME Name of a city (a town, a village) for addressing purposes.	C an..35
Not Recommended	NAD07	3229	COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	C an..9
Not Recommended	NAD08	3251	POSTCODE IDENTIFICATION Code defining postal zones or addresses.	C an..9
Not Recommended	NAD09	3207	COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3

SEGMENT: **LOC** Place/location identification

GROUP: 2-NAD

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 25

FUNCTION: To identify a country/place/location/related location one/related location two.

CLARIFICATION: A segment giving more specific location information of the party specified in the NAD segment e.g. internal site/building number.

COMMENT: **The LOC segment is used to identify the geographical location (and conditionally sub-location) where the product was shipped or where the service was rendered.**

Belongs to the NAD of the product/service deliverer or Invoice issuer.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
	3227 PLACE/LOCATION QUALIFIER Code identifying the function of a location.	M	an..3
Required	C517 LOCATION IDENTIFICATION Identification of a location by code or name.	C	
Required	LOC02 - 1 3225 Place/location identification Identification of the name of place/location, other than 3164 City name.	C	an..25
Required	LOC02 - 2 1131 Code list qualifier Identification of a code list.	C	an..3
	145 Airport/city <i>As described and published by IATA.</i> AVNET Business Requirement: Receiving Location (#85) Required by AVNET.		
Required	LOC02 - 3 3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
	3 IATA (International Air Transport Association)		
Not Used	LOC02 - 4 3224 Place/location Name of place/location, other than 3164 City name.	C	an..17
	LOC03 C519 RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	
	AVNET Business Requirement: Receiving Sub-Location (#86)		
	Required if prices, rates charges and taxes are specific for fueling at a sub-location.		
	LOC03 - 1 3223 Related place/location one identification Specification of the first related place/location by code.	C	an..25
	LOC03 - 2 1131 Code list qualifier Identification of a code list.	C	an..3
	LOC03 - 3 3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
	LOC03 - 4 3222 Related place/location one Specification of the first related place/location by name.	C	an..70

Not Used	LOC04	C553	RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C
Not Used	LOC05	5479	RELATION, CODED To specify the relationship between two or more items.	C an..3

SEGMENT: **FII** **Financial institution information**

GROUP: 2-NAD

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 5

FUNCTION: To identify an account and a related financial institution.

CLARIFICATION: A segment identifying the financial institution (e.g. bank) and relevant account numbers for the seller, buyer and where necessary other parties.

COMMENT: **This business requirement is typically satisfied in a Fuel Contract. Required by AVNET if the total invoice amount has not been prepaid and the data is not known by the invoice receiver.**

AVNET Business Requirement: Financial Institution (#23)

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
FII01	3035 PARTY QUALIFIER Code giving specific meaning to a party.	M	an..3
	RB Receiving financial institution <i>Financial institution designated to receive payment.</i> Belongs to the NAD of the payment receiver. Required by AVNET.		
FII02	C078 ACCOUNT IDENTIFICATION Identification of an account holder by account number and/or account holder name in one or two lines. Number preferred.	C	
FII02 - 1	3194 Account holder number Account number of the holder of the account.	C	an..35
FII02 - 2	3192 Account holder name Name of the holder of the account.	C	an..35
FII02 - 3	3192 Account holder name Name of the holder of the account.	C	an..35
FII02 - 4	6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C	an..3
FII03	C088 INSTITUTION IDENTIFICATION Identification of a financial institution by code branch number, or name and name of place. Code or branch number preferred.	C	
FII03 - 1	3433 Institution name identification Code identifying an institution.	C	an..11
FII03 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
FII03 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
FII03 - 4	3434 Institution branch number Number identifying a branch of an institution.	C	an..17
FII03 - 5	1131 Code list qualifier Identification of a code list.	C	an..3
FII03 - 6	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3

FII03 - 7	3432 Institution name Name of an institution.	C an..70
FII03 - 8	3436 Institution branch place Official name of the place where the institution branch is situated.	C an..70
FII04	3207 COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3

GROUP: 3 NAD/RFF

STATUS: Conditional

REPEAT: 9999

FUNCTION: A group of segment for giving references only relevant to the specified party rather than the whole invoice.

SEGMENT: RFF Reference

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a reference.

CLARIFICATION: A segment identifying the reference by its number and where appropriate a line number within a document.

COMMENT: **Required by AVNET if the authorities of the country where the invoice is created require the inclusion of VAT/Fiscal data.**

AVNET Business Requirement: VAT Fiscal Number (#19)

Data Element Summary

	REFERENCE DES.	TAG - NAME	ST.	REPR.
	RFF01	C506 REFERENCE Identification of a reference.	M	
	RFF01 - 1	1153 Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M	an..3
		GN Government reference number		
		VA VAT registration number <i>Unique number assigned by the relevant tax authority to identify a party for use in relation to Value Added Tax (VAT).</i> Belongs to the NAD of the payment receiver.		
Advised	RFF01 - 2	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
Not Recommended	RFF01 - 3	1156 Line number Number of the line in the document/message referenced in 1154 Reference number.	C	an..6
	RFF01 - 4	4000 Reference version number To uniquely identify a reference by its revision number.	C	an..35

GROUP: 6 TAX

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 5

FUNCTION: A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

SEGMENT: TAX Duty/tax/fee details

STATUS: Mandatory

REPEAT: 1

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

CLARIFICATION: A segment specifying a tax type, category and rate or exemption, relating to the whole invoice e.g. Value Added Tax at the standard rate is applicable for all items.

COMMENT: **This TAX segment was used by AVNET in the previous version. The business functionality is now met in the TAX segment in Group 33.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
TAX01	5283 DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information.	M	an..3
TAX02	C241 DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	
TAX02 - 1	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.	C	an..3
TAX02 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
TAX02 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
TAX02 - 4	5152 Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C	an..35
TAX03	C533 DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	
TAX03 - 1	5289 Duty/tax/fee account identification Identification of a particular duty, tax or fee.	M	an..6
TAX03 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
TAX03 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
TAX04	5286 DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C	an..15
TAX05	C243 DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C	
TAX05 - 1	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
TAX05 - 2	1131 Code list qualifier Identification of a code list.	C	an..3

TAX05 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
TAX05 - 4	5278	Duty/tax/fee rate Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..17
TAX05 - 5	5273	Duty/tax/fee rate basis identification Identification of the various elements of tax combination to be attributed to a commodity.	C an..12
TAX05 - 6	1131	Code list qualifier Identification of a code list.	C an..3
TAX05 - 7	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
TAX06	5305	DUTY/TAX/FEE CATEGORY, CODED Code identifying a tax/duty/fee category within a tax/duty/fee type system.	C an..3
TAX07	3446	PARTY TAX IDENTIFICATION NUMBER Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	C an..20

GROUP: 7 CUX

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 5

FUNCTION: 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: CUX Currencies

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify currencies used in the transaction and relevant details for the rate of exchange.

CLARIFICATION: 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.

COMMENT: **This CUX segment pertains to the entire message. The CUX segment in the detail is used for exceptions and overrides this CUX segment.**

The CUX segment is used to specify the invoice currency and if other currencies exist on the invoice it is used to specify the exchange rate and exchange rate source between these currencies and the invoice currency.

The "Pricing", "Tax", or "Payment" currency is always specified in a MOA segment, if the currency differs from the "Invoice" currency.

Data Element Summary

	REFERENCE DES.	TAG - NAME	ST.	REPR.
Required	CUX01	C504 CURRENCY DETAILS The usage to which a currency relates.	C	
	CUX01 - 1	6347 Currency details qualifier Specification of the usage to which the currency relates.	M	an..3
		2 Reference currency <i>The currency applicable to amounts stated. It may have to be converted.</i>		
Required	CUX01 - 2	6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C	an..3
		Use Standard ISO Code (See Appendix C).		
Required	CUX01 - 3	6343 Currency qualifier Code giving specific meaning to data element 6345 Currency.	C	an..3
		4 Invoicing currency <i>The name or symbol of the monetary unit used for calculation in an invoice.</i> AVNET Business Requirement: Invoice Currency (#93)		
Not Recommended	CUX01 - 4	6348 Currency rate base Multiplying factor used in expressing the number of currency units.	C	n..4

	CUX02	C504	CURRENCY DETAILS The usage to which a currency relates.	C
			Required by AVNET if other currencies exist on the invoice.	
	CUX02 - 1	6347	Currency details qualifier Specification of the usage to which the currency relates.	M an..3
		3	Target currency <i>The currency which should be used to the target destination of the transaction.</i>	
	CUX02 - 2	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
			Use Standard ISO Code (See Appendix C).	
Not Recommended	CUX02 - 3	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3
Not Recommended	CUX02 - 4	6348	Currency rate base Multiplying factor used in expressing the number of currency units.	C n..4
	CUX03	5402	RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency.	C n..12
			AVNET Business Requirement: Exchange Rate Payment/Invoice (#89)	
			AVNET Business Requirement: Exchange Rate Tax/Invoice (#92)	
			AVNET Business Requirement: Exchange Rate Pricing/Invoice (#90)	
			Required by AVNET if other currencies exist on the invoice and the exchange rates are expressed explicitly (see invoice business issues 7.3.4).	
	CUX04	6341	CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	C an..3
			AVNET Business Requirement: Exchange Rate Source (#91)	

GROUP: **8 PAT**

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 10

FUNCTION: A group of segments specifying the terms of payment applicable for the whole invoice.

SEGMENT: **PAT Payment terms basis**

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify the payment terms basis.

CLARIFICATION: A segment identifying the payment terms and date/time basis.

COMMENT: **The PAT segment is used to indicate the credit/payment terms on the invoice including whether the invoice has been prepaid. This business requirement is typically satisfied in the Fuel Contract. Required by AVNET if the information is needed by the invoice receiver in order to effect proper payment of the invoice.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
PAT01	4279 PAYMENT TERMS TYPE QUALIFIER Identification of the type of payment terms.	M	an..3
AVNET Business Requirement: Payment Indicator (#109)			
Required if the invoice has been prepaid.			
	1 Basic <i>Payment conditions normally applied.</i>		
	22 Discount		
PAT02	C110 PAYMENT TERMS Terms of payment code from a specified source.	C	
AVNET Business Requirement: Credit/Payment Terms Description (#116)			
PAT02 - 1	4277 Terms of payment identification Identification of the terms of payment between the parties to a transaction (generic term).	M	an..17
PAT02 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
PAT02 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
PAT02 - 4	4276 Terms of payment Conditions of payment between the parties to a transaction (generic term).	C	an..35
PAT02 - 5	4276 Terms of payment Conditions of payment between the parties to a transaction (generic term).	C	an..35
Not Used	PAT03 C112 TERMS/TIME INFORMATION Time details in payment terms.	C	

SEGMENT: **DTM** **Date/time/period**

GROUP: 8-PAT

STATUS: Conditional

REPEAT: 5

FUNCTION: To specify date, and/or time, or period.

CLARIFICATION: A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc.

COMMENT: **Required by AVNET if the payment due date is not covered by the Fuel Contract.**

AVNET Business Requirement: Payment Due Date (#69)

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
DTM01	C507 DATE/TIME/PERIOD Date and/or time, or period relevant to the specified date/time/period type.	M	
DTM01 - 1	2005 Date/time/period qualifier Code giving specific meaning to a date, time or period.	M	an..3
	140 Payment due date <i>Date/time at which funds should be made available.</i>		
Advised	DTM01 - 2 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
Advised	DTM01 - 3 2379 Date/time/period format qualifier Specification of the representation of a date, a date and time or of a period.	C	an..3
	101 YMMDD <i>Calendar date: Y = Year; M = Month; D = Day.</i>		
	102 CCYMMDD <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i> This format is the preferred date/time/period format.		

SEGMENT: **PCD** **Percentage details**

GROUP: 8-PAT

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 1

FUNCTION: To specify percentage information.

CLARIFICATION: A segment specifying the discount, interest, penalty as well as instalment percentage.

COMMENT: **AVNET Business Requirement: Discount Terms/Amount (#117)**

Use only if payment is not made in full and the amount of invoice to be paid can be reflected as a percentage.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
PCD01	C501 PERCENTAGE DETAILS Percentage relating to a specified basis.	M	
PCD01 - 1	5245 Percentage qualifier Identification of the usage of a percentage.	M	an..3
PCD01 - 2	5482 Percentage Value expressed as a percentage of a specified amount.	C	n..8
PCD01 - 3	5249 Percentage basis, coded Indication of the application of a percentage.	C	an..3
PCD01 - 4	1131 Code list qualifier Identification of a code list.	C	an..3
PCD01 - 5	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3

SEGMENT: **MOA Monetary amount**

GROUP: 8-PAT

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 1

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment specifying amounts related to payment discount penalties or instalments.

COMMENT: **This MOA segment is only used if there is a discount amount. The amount is always expressed in the invoice currency.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	
MOA01 - 1	5025 Monetary amount type qualifier Indication of type of amount. AVNET Business Requirement: Discount Terms/Amount (#117)	M	an..3
MOA01 - 2	5004 Monetary amount Number of monetary units.	C	n..18
Not Used	MOA01 - 3 6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C	an..3
Not Used	MOA01 - 4 6343 Currency qualifier Code giving specific meaning to data element 6345 Currency.	C	an..3
Not Used	MOA01 - 5 4405 Status, coded Provides information regarding a status.	C	an..3

GROUP: 25 LIN

STATUS: Conditional

REPEAT: 123456

FUNCTION: 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: LIN Line item

STATUS: Mandatory

REPEAT: 1

FUNCTION: To identify a line item and configuration.

CLARIFICATION: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
Required	LIN01 1082 LINE ITEM NUMBER Serial number designating each separate item within a series of articles.	C	n..6
Not Used	LIN02 1229 ACTION REQUEST/NOTIFICATION, CODED Code specifying the action to be taken or already taken.	C	an..3
Required	LIN03 C212 ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	
<p>This composite data element is used to indicate and identify a Product or Service. Data element 7140 will identify if the item being invoiced is a product or a service. Either data element 7143 or 1131 is required. If used to identify a product: use data element 7143. If used to identify a service: use either data element 7143 with code value SA or data element 1131, code value 128.</p>			
Required	LIN03 - 1 7140 Item number A number allocated to a group or item.	C	an..35
<p>AVNET Business Requirement: Product Identification (#56)</p>			
<p>AVNET Business Requirement: Service Identification (#58)</p>			
	LIN03 - 2 7143 Item number type, coded Identification of the type of item number.	C	an..3
<p>CC Industry commodity code <i>The codes given to certain commodities by an industry.</i> Use API Product Code List (See Appendix C)</p>			
<p>EN International Article Numbering Association (EAN) <i>Number assigned to a manufacturer's product according to the International Article Numbering Association.</i></p>			

		Use for lubricants	
		SA	Supplier's article number <i>Number assigned to an article by the supplier of that article.</i>
	LIN03 - 3	1131	Code list qualifier Identification of a code list. C an..3
		122	Commodity <i>(7357) Code identifying types of goods for Customs, transport or statistical purposes (generic term).</i>
		128	Service <i>Identification of services.</i>
		152	Materials
Not Used	LIN03 - 4	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list. C an..3
	LIN04	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
	LIN04 - 1	5495	Sub-line indicator, coded Indication that the segment and/or segment group is used for sub-line item information. C an..3
	LIN04 - 2	1082	Line item number Serial number designating each separate item within a series of articles. C n..6
Not Used	LIN05	1222	CONFIGURATION LEVEL Number indicating the level of an object which is in a hierarchy. C n..2
Not Used	LIN06	7083	CONFIGURATION, CODED Code indicating the status of the sub-line item in the configuration. C an..3

SEGMENT: **QTY** **Quantity**

GROUP: 25-LIN

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 5

FUNCTION: To specify a pertinent quantity.

CLARIFICATION: A segment identifying the product quantities e.g. invoiced quantity.

COMMENT: **The QTY segment is used to specify the priced quantity and the measured quantity delivered.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.	
QTY01	C186 QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M		
QTY01 - 1	6063 Quantity qualifier Code giving specific meaning to a quantity.	M	an..3	
	117 Quantity landed <i>Quantity of goods actually arrived.</i> AVNET Business Requirement: Measured Quantity Delivered (#45) Required by AVNET if a product is delivered.			
	47 Invoiced quantity <i>The quantity as per invoice.</i> AVNET Business Requirement: Priced Quantity (#53) Required by AVNET.			
QTY01 - 2	6060 Quantity Numeric value of a quantity.	M	n..15	
Required	QTY01 - 3	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
	AVNET Business Requirement: Pricing Unit of Measure (#55) GI Imperial Gallons GN Gross Gallons The observed volume unadjusted for factors such as temperature or gravity. LT Liters NG Net Gallons The observed volume after adjustment for factors such as temperature or gravity. GA U.S. Gallons For additional units of measure, see Appendix C for the ASC X12 Unit of Measurement (data element 355) code list, which is used by AVNET.			

SEGMENT: DTM Date/time/period

GROUP: 25-LIN

STATUS: Conditional

REPEAT: 35

FUNCTION: To specify date, and/or time, or period.

CLARIFICATION: A segment specifying date/time/period details relating to the line item only.

COMMENT: **The DTM segment is used to specify the date on which the product is priced and if different, the date of the delivery.**

This business requirement is typically satisfied in the Fuel Contract.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
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DTM01	C507 DATE/TIME/PERIOD	M	
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Date and/or time, or period relevant to the specified date/time/period type.

All three components of this composite data element are required by AVNET.

DTM01 - 1	2005 Date/time/period qualifier	M	an..3
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Code giving specific meaning to a date, time or period.

267	Rate/price date/time <i>Date/time on which a rate/price is determined.</i> AVNET Business Requirement: Pricing Date (#75) Required by AVNET.
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35	Delivery date/time, actual <i>Date/time on which goods or consignment are delivered at their destination.</i> AVNET Business Requirement: Delivery Ticket Date (#66) Required if different from the pricing date.
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95	Bill of lading date <i>Date as specified on the bill of lading.</i> AVNET Business Requirement: Bill of Lading Date (#62)
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Required	DTM01 - 2	2380 Date/time/period	C	an..35
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The value of a date, a date and time, a time or of a period in a specified representation.

Required	DTM01 - 3	2379 Date/time/period format qualifier	C	an..3
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Specification of the representation of a date, a date and time or of a period.

101	YYMMDD <i>Calendar date: Y = Year; M = Month; D = Day.</i>
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102	CCYYMMDD <i>Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.</i>
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This format is the preferred date/time/period format.

GROUP: 26 LIN/MOA

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 5

FUNCTION: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

SEGMENT: MOA Monetary amount

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

COMMENT: **The MOA segment is used to specify 3 amounts: the line product amount (code 38); the total line item amount (code 203); and, the line product amount in the pricing currency (code 557). This third amount may be used to imply the exchange rate between the invoice and pricing currencies (if they are not the same). Partners using this method will also need to agree an implicit exchange rate source. It is possible to explicitly state the exchange rate between the invoice and pricing rate source in the CUX segment which follows this MOA.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	
MOA01 - 1	5025 Monetary amount type qualifier Indication of type of amount.	M	an..3
	203 Line item amount <i>Goods item total minus allowances plus charges for line item. See also Code 66.</i> AVNET Business Requirement: Total Line Item Amount (#101)		
	38 Invoice item amount <i>(5068) Total sum charged in respect of a single Invoice item in accordance with the terms of delivery.</i> For AVNET usage: The cost of the fuel or the product only. AVNET Business Requirement: Line Product Amount (#97)		
	57 Equivalent amount <i>This amount is equivalent to the amount to be transferred, but in another currency.</i> AVNET Business Requirement: Line Product Amount In Pricing Currency (#97/95)		
Required	MOA01 - 2	5004 Monetary amount Number of monetary units.	C n..18

	MOA01 - 3	6345 Currency, coded	C an..3
		Identification of the name or symbol of the monetary unit involved in the transaction.	
		Required by AVNET if MOA01-1 equals line product amount in the pricing currency.	
	MOA01 - 4	6343 Currency qualifier	C an..3
		Code giving specific meaning to data element 6345 Currency.	
		Required by AVNET if MOA01-1 equals line product amount in the pricing currency.	
		10 Pricing currency	
		<i>The name or symbol of the monetary unit used for pricing purposes.</i>	
		AVNET Business Requirement: Price Notification Number (#95)	
Not Used	MOA01 - 5	4405 Status, coded	C an..3
		Provides information regarding a status.	

SEGMENT: **CUX Currencies**

GROUP: 26-LIN/MOA

STATUS: Conditional

REPEAT: 1

FUNCTION: To specify currencies used in the transaction and relevant details for the rate of exchange.

CLARIFICATION: A segment identifying the currencies required in the line item, when is different from the heading currencies. A rate of exchange may given to convert a reference currency into a target currency.

COMMENT: **The CUX segment is used to specify the exchange rate and the exchange rate source between the invoice and pricing currency.**

This CUX is used for exceptions and overrides the CUX segment in the header.

Required by AVNET if the invoice currency differs from the pricing currency, and if explicit rates are to be used (AVNET Business Requirement #137).

This CUX is used for exceptions and overrides the CUX segment in the header.

Data Element Summary

	REFERENCE DES.	TAG - NAME	ST.	REPR.
Required	CUX01	C504 CURRENCY DETAILS The usage to which a currency relates.	C	
	CUX01 - 1	6347 Currency details qualifier Specification of the usage to which the currency relates.	M	an..3
		2 Reference currency <i>The currency applicable to amounts stated. It may have to be converted.</i>		
Required	CUX01 - 2	6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C	an..3
Advised	CUX01 - 3	6343 Currency qualifier Code giving specific meaning to data element 6345 Currency.	C	an..3
		10 Pricing currency <i>The name or symbol of the monetary unit used for pricing purposes.</i> AVNET Business Requirement: Pricing Currency (#95)		
Not Used	CUX01 - 4	6348 Currency rate base Multiplying factor used in expressing the number of currency units.	C	n..4
Required	CUX02	C504 CURRENCY DETAILS The usage to which a currency relates.	C	
	CUX02 - 1	6347 Currency details qualifier Specification of the usage to which the currency relates.	M	an..3
		3 Target currency <i>The currency which should be used to the target destination of the transaction.</i>		

Required	CUX02 - 2	6345	Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
Advised	CUX02 - 3	6343	Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3
		4	Invoicing currency <i>The name or symbol of the monetary unit used for calculation in an invoice.</i> AVNET Business Requirement: Invoice Currency (#93)	
Not Used	CUX02 - 4	6348	Currency rate base Multiplying factor used in expressing the number of currency units.	C n..4
Required	CUX03	5402	RATE OF EXCHANGE The rate at which one specified currency is expressed in another specified currency.	C n..12
			AVNET Business Requirement: Exchange Rate Pricing/Invoice (#90)	
Required	CUX04	6341	CURRENCY MARKET EXCHANGE, CODED Code identifying the market upon which the currency exchange rate is based.	C an..3
			AVNET Business Requirement: Exchange Rate Source (#91)	

GROUP: 28 LIN/PRI

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 25

FUNCTION: A group of segments identifying the relevant pricing information for the goods or services invoiced.

SEGMENT: PRI Price details

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify price information.

CLARIFICATION: 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".

COMMENT: **To identify the unit price, the unit of measure of the article being invoiced. All prices are expressed in the pricing currency.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
Required	PRI01 C509 PRICE INFORMATION Identification of price type, price and related details.	C	
	PRI01 - 1 5125 Price qualifier Identification of a type of price.	M	an..3
	CAL Calculation price <i>The price stated is the price for the calculation of the line item amount.</i>		
Required	PRI01 - 2 5118 Price The monetary value associated with a purchase or sale of an article, product or service.	C	n..15
	AVNET Business Requirement: Unit Price (#107)		
Not Recommended	PRI01 - 3 5375 Price type, coded Code identifying the type of price of an item.	C	an..3
Required	PRI01 - 4 5387 Price type qualifier Code identifying pricing specification.	C	an..3
	CON Contract price <i>Price per unit of quantity of a product/service as agreed in a contract between parties.</i>		
Required	PRI01 - 5 5284 Unit price basis Basis on which the unit price/rate applies.	C	n..9
	See Appendix C for the ASC X12 Unit of Measurement (data element 355) code list, which will be used by AVNET.		
Required	PRI01 - 6 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

Not Used

PRI02

5213 SUB-LINE PRICE CHANGE, CODED

C an..3

Code indicating disposition of the price change of a sub-line
item.

GROUP: 29 LIN/RFF

STATUS: Conditional

AVNET REQUIREMENT: Required

REPEAT: 10

FUNCTION: A group giving references and where necessary, their dates, relating to the line item.

SEGMENT: RFF Reference

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a reference.

CLARIFICATION: A segment identifying the reference by its number and where appropriate a line number within a document.

COMMENT: **The RFF segment is used to specify references related to the specific line item.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
RFF01	C506 REFERENCE Identification of a reference.	M	
RFF01 - 1	1153 Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M	an..3

ACG ATA carnet number
Reference number assigned to an ATA carnet.
AVNET Business Requirement: Carrier Number (#2)
A data maintenance request has been submitted to UN/EDIFACT to remove "ATA" from this code description.

AF Airlines flight identification number
(8110) Identification of a commercial flight by carrier code and number as assigned by the airline (IATA).
AVNET Business Requirement: Flight Number (#121)

Required if it is an into-plane delivery or refuel or defuel. A flight number may appear on the delivery ticket.

AGP Company issued equipment ID
Owner/operator, non-government issued equipment reference number.
AVNET Business Requirement: Company issued Receiving Equipment identification (#119). Can be used to designate into-plane delivery.

AHB Authority issued equipment identification
Identification issued by an authority, e.g. government, airport authority.
Use for Aircraft Registration Number

BM	Bill of lading number <i>Reference number assigned to a bill of lading, see: 1001 = 705.</i> AVNET Business Requirement: Bill of Lading Number (#1)
CT	Contract number <i>Reference number of a contract concluded between parties.</i> AVNET Business Requirement: Contract Reference (#4)
DQ	Delivery note number <i>Reference number assigned by the issuer to a delivery note.</i> AVNET Business Requirement: Delivery Ticket Number (#5) Required by AVNET.
EQ	Equipment number <i>Number assigned by the manufacturer to specific equipment.</i> AVNET Business Requirement: Receiving Equipment Identification (#125)
OI	Previous invoice number <i>Reference number identifying a previously issued invoice.</i> AVNET Business Requirement: Reference to a Previous Invoice (#14) Required if the Invoice is a modification of a previous invoice.
ON	Order number (purchase) <i>[1022] Reference number assigned by the buyer to an order.</i> AVNET Business Requirement: Purchase Order Number (#12)

Required	RFF01 - 2	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
Not Used	RFF01 - 3	1156 Line number Number of the line in the document/message referenced in 1154 Reference number.	C an..6
	RFF01 - 4	4000 Reference version number To uniquely identify a reference by its revision number.	C an..35

GROUP: 30 LIN/PAC

STATUS: Conditional

REPEAT: 10

FUNCTION: A group of segments identifying the packaging, physical dimensions, and marks and numbers for goods referenced in the line item.

SEGMENT: PAC Package

STATUS: Mandatory

REPEAT: 1

FUNCTION: To describe the number and type of packages/physical units.

CLARIFICATION: A segment specifying the number and type of packages for the line item, e.g. number and type of pallets.

COMMENT: **The PAC segment is to be used if products delivered are packaged product (i.e., lubes, additives, etc.)**

If packaged products are not delivered this segment will not be used.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
PAC01	7224 NUMBER OF PACKAGES 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.	C	n..8
AVNET Business Requirement: Number of Packages (#51)			
PAC02	C531 PACKAGING DETAILS Packaging level and details, terms and conditions.	C	
AVNET Business Requirement: Type of Package (#61)			
PAC02 - 1	7075 Packaging level, coded Indication of level of packaging specified.	C	an..3
	1 Inner <i>Level of packing, if it exists, that is immediately subordinate to the intermediate packaging level.</i>		
	2 Intermediate <i>Level of packaging, if it exists, that is immediately subordinate to the outer packaging level.</i>		
	3 Outer <i>For packed merchandise, outermost level of packaging for a shipment.</i>		
Not Used	PAC02 - 2 7233 Packaging related information, coded Code giving packaging, handling and marking related information.	C	an..3
Not Used	PAC02 - 3 7073 Packaging terms and conditions, coded Code identifying packaging terms and conditions.	C	an..3
	PAC03 C202 PACKAGE TYPE Type of package by name or by code from a specified source.	C	
AVNET Business Requirement: Type of Package (#61)			

	PAC03 - 1	7065	Type of packages identification Coded description of the form in which goods are presented.	C an..17
			See Appendix C for Packaged Code List.	
	PAC03 - 2	1131	Code list qualifier Identification of a code list.	C an..3
	PAC03 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
Not Used	PAC03 - 4	7064	Type of packages Description of the form in which goods are presented.	C an..35
Not Used	PAC04	C402	PACKAGE TYPE IDENTIFICATION Identification of the form in which goods are described.	C
Not Used	PAC05	C532	RETURNABLE PACKAGE DETAILS Indication of responsibility for payment and load contents of returnable packages.	C

SEGMENT: **MEA Measurements**

GROUP: 30-LIN/PAC

STATUS: Conditional

REPEAT: 10

FUNCTION: To specify physical measurements, including dimension tolerances, weights and counts.

CLARIFICATION: A segment specifying physical measurements of packages described in the PAC segment e.g. package length, weight.

COMMENT: **Required by AVNET if a packaged product was delivered.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MEA01	6311 MEASUREMENT APPLICATION QUALIFIER Specification of the application of the physical measurement used.	M	an..3
AVNET Business Requirement: Package Measure (#52)			
	CT Counts		
	VOL Volume <i>Size or measure of anything in three dimensions.</i>		
	WT Weights		
Not Used	MEA02 C502 MEASUREMENT DETAILS Identification of measurement type.	C	
	MEA03 C174 VALUE/RANGE Measurement value and relevant minimum and maximum tolerances in that order.	C	
AVNET Business Requirement: Package Measure (#52)			
MEA03 - 1	6411 Measure unit qualifier Indication of the unit of measurement in which weight (mass), capacity, length, area, volume or other quantity is expressed.	M	an..3
See Appendix C for the ASC X12 Unit of Measurement (data element 355) code list, which will be used by AVNET.			
Required by AVNET if a packaged product was delivered.			
MEA03 - 2	6314 Measurement value Value of the measured unit.	C	n..18
Required by AVNET if a packaged product was delivered.			
MEA03 - 3	6162 Range minimum Minimum of a range.	C	n..18
MEA03 - 4	6152 Range maximum Maximum of a range.	C	n..18
MEA03 - 5	6432 Significant digits To specify the number of significant digits.	C	n..2
Not Used	MEA04 7383 SURFACE/LAYER INDICATOR, CODED Code indicating the surface or layer of a product that is being described.	C	an..3

GROUP: 32 LIN/LOC

STATUS: Conditional

AVNET REQUIREMENT: Not Recommended

REPEAT: 9999

FUNCTION: A group of segments specifying destination and quantity details for consignments involving multi-destination deliveries for a specified line item.

SEGMENT: LOC Place/location identification

STATUS: Mandatory

REPEAT: 1

FUNCTION: To identify a country/place/location/related location one/related location two.

CLARIFICATION: A segment indicating the location to which part of the consignment has been delivered.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
LOC01	3227 PLACE/LOCATION QUALIFIER Code identifying the function of a location.	M	an..3
LOC02	C517 LOCATION IDENTIFICATION Identification of a location by code or name.	C	
LOC02 - 1	3225 Place/location identification Identification of the name of place/location, other than 3164 City name.	C	an..25
LOC02 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
LOC02 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
LOC02 - 4	3224 Place/location Name of place/location, other than 3164 City name.	C	an..17
LOC03	C519 RELATED LOCATION ONE IDENTIFICATION Identification the first related location by code or name.	C	
LOC03 - 1	3223 Related place/location one identification Specification of the first related place/location by code.	C	an..25
LOC03 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
LOC03 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
LOC03 - 4	3222 Related place/location one Specification of the first related place/location by name.	C	an..70
LOC04	C553 RELATED LOCATION TWO IDENTIFICATION Identification of second related location by code or name.	C	
LOC04 - 1	3233 Related place/location two identification Specification of a second related place/location by code.	C	an..25
LOC04 - 2	1131 Code list qualifier Identification of a code list.	C	an..3
LOC04 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3
LOC04 - 4	3232 Related place/location two Specification of a second related place/location by name.	C	an..70

LOC05

5479 RELATION, CODED

C an..3

To specify the relationship between two or more items.

GROUP: 33 LIN/TAX

STATUS: Conditional

REPEAT: 20

FUNCTION: A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.

SEGMENT: TAX Duty/tax/fee details

STATUS: Mandatory

REPEAT: 1

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

CLARIFICATION: A segment specifying a tax type, category and rate, or exemption, relating to the line item.

COMMENT: **The tax charge codes are a selection from the comprehensive code set currently available in appendix C.**

The TAX segment is used to indicate tax codes which identify the tax assessed upon products or services, which is collected by and accounted to a fiscal authority.

Required by AVNET, if the authorities of the countries where the invoice was created require the inclusion of VAT/fiscal data.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
TAX01	5283 DUTY/TAX/FEE FUNCTION QUALIFIER	M	an..3
	Code identifying the function of an duty, tax or fee information.		
	7 Tax		
	<i>Contribution levied by an authority.</i>		
Required	TAX02 C241 DUTY/TAX/FEE TYPE	C	
	Code and/or name identifying duty, tax or fee.		
Required	TAX02 - 1 5153 Duty/tax/fee type, coded	C	an..3
	Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services.		
	AVNET Business Requirement: Tax Type (#133)		
	AAA Petroleum tax		
	CUD Customs duty		
	<i>Duties laid down in the Customs tariff, to which goods are liable on entering or leaving the Customs territory (CCC).</i>		
	ENV Environmental tax		
	<i>Tax assessed for funding or assuring environmental protection or clean-up.</i>		
	EXC Excise duty		
	<i>Customs or fiscal authorities code to identify a specific or ad valorem levy on a specific commodity, applied either domestically or at time of importation.</i>		

FET	Federal excise tax <i>Tax levied by the federal government on the manufacture of specific items.</i>
GST	Goods and services tax <i>Tax levied on the final consumption of goods and services throughout the production and distribution chain.</i>
IMP	Import tax <i>Tax assessed on imports.</i>
LAC	Business license fee <i>Government assessed charge for permit to do business.</i>
LOC	Local sales taxes <i>Assessment charges on sale of goods or services by city, borough country or other taxing authorities below state/provincial level.</i>
LST	Lust tax <i>Tax imposed for clean-up of leaky underground storage tanks.</i>
OTH	Other taxes <i>Unspecified, miscellaneous tax charges.</i>
STT	State/provincial sales tax <i>All applicable sale taxes by authorities at the state or provincial level, below national level.</i>
VAT	Value added tax <i>A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.</i>

Not Used	TAX02 - 2	1131	Code list qualifier Identification of a code list.	C an..3
Not Used	TAX02 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
Not Used	TAX02 - 4	5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35
Not Used	TAX03	C533	DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C
	TAX04	5286	DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15
	TAX05	G243	DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
Not Used	TAX05 - 1	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
Not Used	TAX05 - 2	1131	Code list qualifier Identification of a code list.	C an..3
Not Used	TAX05 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3

	TAX05 - 4	5278 Duty/tax/fee rate	C an..17
		Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
		AVNET Business Requirement: Tax Percentage (#132)	
		Required by AVNET if a tax is applicable.	
Not Used	TAX05 - 5	5273 Duty/tax/fee rate basis identification	C an..12
		Identification of the various elements of tax combination to be attributed to a commodity.	
Not Used	TAX05 - 6	1131 Code list qualifier	C an..3
		Identification of a code list.	
Not Used	TAX05 - 7	3055 Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
	TAX06	5305 DUTY/TAX/FEE CATEGORY, CODED	C an..3
		Code identifying a tax/duty/fee category within a tax/duty/fee type system.	
		AVNET Business Requirement: Tax Type (#133)	
		Required by AVNET if a tax is applicable.	
		L Lower Rate	
		Use AVNET assigned code value pending UN/EDIFACT data maintenance.	
		H Higher rate	
		S Standard rate	
		Z Zero rated goods	
Not Used	TAX07	3446 PARTY TAX IDENTIFICATION NUMBER	C an..20
		Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	

SEGMENT: **MOA Monetary amount**

GROUP: 33-LIN/TAX

STATUS: Conditional

REPEAT: 1

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment specifying the amount for the identified tax/fee.

COMMENT: **Required by AVNET if a tax is applicable.**

Always expressed in invoicing currency

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	
MOA01 - 1	5025 Monetary amount type qualifier Indication of type of amount.	M	an..3
	124 Tax amount <i>Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.</i>		
Required	MOA01 - 2 5004 Monetary amount Number of monetary units.	C	n..18
Not Used	MOA01 - 3 6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C	an..3
Not Used	MOA01 - 4 6343 Currency qualifier Code giving specific meaning to data element 6345 Currency.	C	an..3
Not Used	MOA01 - 5 4405 Status, coded Provides information regarding a status.	C	an..3

GROUP: 34 LIN/NAD

STATUS: Conditional

REPEAT: 20

FUNCTION: A group of segments identifying the parties with associated information, relevant to the line item only.

SEGMENT: NAD Name and address

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify the name/address and their related function, either by CO82 only and/or unstructured by CO58 or structured by CO80 thru 3207.

CLARIFICATION: 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.

COMMENT: **The NAD segment is used for exceptions and overrides the NAD segment in the header.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
NAD01	3035 PARTY QUALIFIER Code giving specific meaning to a party.	M	an..3
	AP Accepting party <i>(3352) Party accepting goods, products, services etc.</i> AVNET Business Requirement: Product/Service Receiver (#35) Required if the product/service receiver is different from the invoiced company.		
	PW Despatch party <i>(3282) Party where goods are collected or taken over by the carrier (i.e. if other than consignor).</i> AVNET Business Requirement: Product/Service Deliverer (#34) Required if the product/service deliverer is different from the invoice issuer.		
Required	NAD02 C082 PARTY IDENTIFICATION DETAILS Identification of a transaction party by code.	C	
	NAD02 - 1 3039 Party id. identification Code identifying a party involved in a transaction.	M	an..35
Required	NAD02 - 2 1131 Code list qualifier Identification of a code list.	C	an..3
	100 Enhanced party identification		
Required	NAD02 - 3 3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3

115 US, DODAAC (Department Of Defense Active Agency Code)

16 DUNS (Dun & Bradstreet)

3 IATA (International Air Transport Association)

Not Used	NAD03	C058 NAME AND ADDRESS Unstructured name and address: one to five lines.	C
Not Used	NAD04	C080 PARTY NAME Identification of a transaction party by name, one to five lines. Party name may be formatted.	C
Not Used	NAD05	C059 STREET Street address and/or PO Box number in a structured address: one to three lines.	C
Not Used	NAD06	3164 CITY NAME Name of a city (a town, a village) for addressing purposes.	C an..35
Not Used	NAD07	3229 COUNTRY SUB-ENTITY IDENTIFICATION Identification of the name of sub-entities (state, province) defined by appropriate governmental agencies.	C an..9
Not Used	NAD08	3251 POSTCODE IDENTIFICATION Code defining postal zones or addresses.	C an..9
Not Used	NAD09	3207 COUNTRY, CODED Identification of the name of a country or other geographical entity as specified in ISO 3166.	C an..3

GROUP: 38 LIN/ALC

STATUS: Conditional

REPEAT: 15

FUNCTION: 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: ALC Allowance or charge

STATUS: Mandatory

REPEAT: 1

FUNCTION: To identify allowance or charge details.

CLARIFICATION: A segment identifying the charge or allowance and, where necessary its calculation sequence.

COMMENT: **The ALC segment is used to identify the allowance/charge code, which identifies the type of allowance or charge which is related to a product or service but it is not a tax (e.g., small package premium, cash discount). All Business Requirements relating to allowances and charges are mapped to this group of segments in Segment Group 35. The specified codes are a selection from the comprehensive code set currently available in Appendix C.**

Data Element Summary

	REFERENCE DES.	TAG - NAME	ST.	REPR.
	ALC01	5463 ALLOWANCE OR CHARGE QUALIFIER Specification of an allowance or charge for the service specified.	M	an..3
		A Allowance		
		C Charge		
Required	ALC02	C552 ALLOWANCE/CHARGE INFORMATION Identification of allowance/charge information by number and/or code.	C	
Not Used	ALC02 - 1	1230 Allowance or charge number Number assigned by a party referencing an allowance, promotion, deal or charge.	C	an..35
Advised	ALC02 - 2	5189 Charge/allowance description, coded Identification of a charge or allowance.	C	an..3
	ALC03	4471 SETTLEMENT, CODED Indication of how allowances or charges are to be settled.	C	an..3
		5 Charge to be paid by vendor <i>A charge whose payment will be made by the vendor.</i>		
		6 Charge to be paid by customer <i>A charge whose payment will be made by the customer.</i>		
		ZZZ Mutually defined <i>A code reserved for special trading partner requirements when pre-defined codes do not exist.</i>		

ALC04 1227 CALCULATION SEQUENCE INDICATOR, CODED C an..3
Code indicating the sequence of cumulated calculations to be agreed between interchange partners.

ALC05 C214 SPECIAL SERVICES IDENTIFICATION C
Identification of a special service by a code from a specified source or by description.

ALC05 - 1 7161 Special services, coded C an..3
Code identifying a special service.

Use the following AVNET assigned code values pending UN/EDIFACT data maintenance:

ABA Compulsory Storage Fee
ABI Superfund Fee
LOC Location Differential
SER Service Charge
SY System

AAY Airport fee
Charge associated with usage of airport facilities.

AAZ Concession fee
Fee imposed by an airport to allow used of that facility.

ABB Defuel
Remove or off-load fuel from vehicle, vessel or craft.

ABC Into plane fee
Charge associated with providing goods delivered to an aircraft from local storage.

ABD Overtime
Fee charge for service rendered beyond the established limit of working hours.

ABE Reservicing charge
Fee for services provided after initial service.

CAG Competitive allowance
Price adjustment allowed for market conditions or factors.

CP Competitive price

DI Discount
A reduction from a usual or list price.

DM Demurrage
The compensation payable to a carrier or freight whose vehicle or vessel is delayed, as by failure to load or unload the freight within the time allowed.

FAC Freight surcharge
Charge on shipment for extraordinary handling.

FC	Freight charge <i>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).</i>
HD	Handling <i>Charge for handling of the item.</i>
IF	Inspection fee <i>Fee raised for inspection.</i>
LAC	License fee
QAA	Quantity surcharge <i>Fee associated with providing goods outside "normal" quantity limits.</i>
RF	Refurbishing charge
SAG	Surcharge (dollar value) <i>An additional amount added to the usual charge, expressed in a dollar, or monetary, value.</i>
SAH	Surcharge (percentage) <i>An additional amount added to the usual charge, expressed in a percentage.</i>
SC	Surcharge <i>An additional amount added to the usual charge.</i>
SF	Special rebate <i>A return of part of an amount paid for goods or services, serving as a reduction or discount.</i>
TT	Transportation - third party billing
TV	Transportation - vendor provided
VAB	Volume discount <i>Discount offered based on the amount of purchase.</i> AVNET Business Requirement: Allowance/Charge Code (#20) Required if an allowance/charge is applicable to the line item.
ZZZ	Mutually defined

ALC05 - 2	1131 Code list qualifier Identification of a code list.	C an..3
ALC05 - 3	3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
ALC05 - 4	7160 Special service Description of a special service.	C an..35

GROUP: 39 LIN/ALC/QTY

STATUS: Conditional

REPEAT: 1

FUNCTION: A group of segments specifying the quantity of the allowance or charge with its measure unit specifier. A range to which the allowance or charge applies may be specified e.g. An allowance of a free quantity of 20 pieces may be specified if the goods quantity ordered is greater than 1000 pieces.

SEGMENT: QTY Quantity

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a pertinent quantity.

CLARIFICATION: A segment identifying the type of quantity and the quantity related to the allowance or charge.

COMMENT: **Should be used only when the Priced Quantity and Unit of Measure can differ from the quantity delivered.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
QTY01	C186 QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M	
QTY01 - 1	6063 Quantity qualifier Code giving specific meaning to a quantity.	M	an..3
	47 Invoiced quantity <i>The quantity as per invoice.</i>		
QTY01 - 2	6060 Quantity Numeric value of a quantity.	M	n..15
	AVNET Business Requirement: Priced Quantity (#53)		
Required	QTY01 - 3 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
	AVNET Business Requirement: Pricing Unit of Measure (#55)		
	GA U.S. Gallons GI Imperial Gallons GN Gross Gallons LT Liters NG Net Gallons		
	For additional units of measure, see Appendix C for the ASC X12 Unit of Measurement (data element 355) code list, which is used by AVNET.		

GROUP: 40 LIN/ALC/PCD

STATUS: Conditional

REPEAT: 1

FUNCTION: A group of segments specifying the percentage for the allowance or charge, e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons.

SEGMENT: PCD Percentage details

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify percentage information.

CLARIFICATION: A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.

COMMENT: **Required by AVNET if the allowance or charge is expressed as a percentage instead of a fixed amount or a rate.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
PCD01	C501 PERCENTAGE DETAILS Percentage relating to a specified basis.	M	
PCD01 - 1	5245 Percentage qualifier Identification of the usage of a percentage.	M	an..3
	1 Allowance <i>(5424) Allowance expressed as a percentage.</i>		
	2 Charge <i>(5424) Charge expressed as a percentage.</i>		
PCD01 - 2	5482 Percentage Value expressed as a percentage of a specified amount.	C	n..8
	AVNET Business Requirement: Allowance/Charge Percent (#113)		
Not Used	PCD01 - 3 5249 Percentage basis, coded Indication of the application of a percentage.	C	an..3
Not Used	PCD01 - 4 1131 Code list qualifier Identification of a code list.	C	an..3
Not Used	PCD01 - 5 3055 Code list responsible agency, coded Code identifying the agency responsible for a code list.	C	an..3

GROUP: 41 LIN/ALC/MOA

STATUS: Conditional

REPEAT: 2

FUNCTION: 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: MOA Monetary amount

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment identifying the monetary amount for the allowance or charge.

COMMENT: **The MOA segment under the ALC segment (Segment Group 34) should be used to contain the amount of the allowance/charge in the pricing currency. The pricing currency may or may not be the same as the invoice currency.**

If the pricing currency is the same as the invoice currency then there is no further mapping necessary.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	
MOA01 - 1	5025 Monetary amount type qualifier Indication of type of amount.	M	an..3
	57 Equivalent amount <i>This amount is equivalent to the amount to be transferred, but in another currency.</i>		
	8 Allowance or charge amount <i>[5422] Total amount of allowance or charge.</i> AVNET Business Requirement: Line Allowance/Charge Amount (#118)		
Required	MOA01 - 2	5004 Monetary amount Number of monetary units.	C n..18
	MOA01 - 3	6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C an..3
		Required if pricing currency is different from the invoice currency.	
		Use standard ISO Code (See Appendix C).	
	MOA01 - 4	6343 Currency qualifier Code giving specific meaning to data element 6345 Currency.	C an..3
		Required if pricing currency is different from the invoice currency.	

10	Pricing currency <i>The name or symbol of the monetary unit used for pricing purposes.</i> AVNET Business Requirement: Pricing Currency (#95)
4	Invoicing currency <i>The name or symbol of the monetary unit used for calculation in an invoice.</i> AVNET Business Requirement: Invoice Currency (#93)

Not Used

MOA01 - 5

4405 Status, coded
Provides information regarding a status.

C an..3

GROUP: 42 LIN/ALC/RTE

STATUS: Conditional

REPEAT: 1

FUNCTION: A group of segments specifying the rate per unit and basis to which the allowance or charge applies, e.g. The allowance/charge amount is 3 DEM per 10 tons.

SEGMENT: RTE Rate details

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify rate information.

CLARIFICATION: A segment specifying the rate per unit and the basis for calculation.

COMMENT: **All data elements are required by AVNET if the allowance or charge is expressed as a rate instead of a fixed amount or percentage.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
RTE01	C128 RATE DETAILS Rate per unit and rate basis.	M	
RTE01 - 1	5419 Rate type qualifier Identification of the type of rate.	M	an..3
	1 Allowance rate		
	2 Charge rate		
RTE01 - 2	5420 Rate per unit Rate per unit specified in the unit price basis.	M	n..15
	AVNET Business Requirement: Allowance/Charge Rate (#114)		
RTE01 - 3	5284 Unit price basis Basis on which the unit price/rate applies.	C	n..9
RTE01 - 4	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
	AVNET Business Requirement: Pricing Unit of Measure (#55)		
	EA Each		
	For additional units of measure, see Appendix C for the ASC X12 Unit of Measurement (data element 355) code list, which is used by AVNET.		

GROUP: 43 LIN/ALC/TAX

STATUS: Conditional

REPEAT: 5

FUNCTION: A group of segments specifying tax related information for the allowance or charge and, when necessary.

SEGMENT: TAX Duty/tax/fee details

STATUS: Mandatory

REPEAT: 1

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

CLARIFICATION: A segment specifying the tax type, category, and rate, or exemption, related to the allowance or charge.

COMMENT: **Required by AVNET if a tax is applicable to the allowance/charge and the data is required by the VAT/fiscal authorities.**

This TAX segment is used to indicate tax codes which identify the tax assessed on allowances/charges which relate to the line item product or service. Tax information is collected by and accounted to fiscal authorities. The tax codes shown are a selection from a comprehensive code set currently available in Appendix C.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
TAX01	5283 DUTY/TAX/FEE FUNCTION QUALIFIER	M	an..3
	Code identifying the function of an duty, tax or fee information.		
	7 Tax		
	<i>Contribution levied by an authority.</i>		
Required	TAX02 C241 DUTY/TAX/FEE TYPE	C	
	Code and/or name identifying duty, tax or fee.		
Required	TAX02 - 1 5153 Duty/tax/fee type, coded	C	an..3
	Identification of the type of duty or tax or fee applicable to commodities or of tax applicable to services.		
	AVNET Business Requirement: Tax Type (#133)		
	AAA Petroleum tax		
	CUD Customs duty		
	<i>Duties laid down in the Customs tariff, to which goods are liable on entering or leaving the Customs territory (CCC).</i>		
	ENV Environmental tax		
	<i>Tax assessed for funding or assuring environmental protection or clean-up.</i>		
	EXC Excise duty		
	<i>Customs or fiscal authorities code to identify a specific or ad valorem levy on a specific commodity, applied either domestically or at time of importation.</i>		

FET	Federal excise tax <i>Tax levied by the federal government on the manufacture of specific items.</i>
GST	Goods and services tax <i>Tax levied on the final consumption of goods and services throughout the production and distribution chain.</i>
IMP	Import tax <i>Tax assessed on imports.</i>
LAC	Business license fee <i>Government assessed charge for permit to do business.</i>
LOC	Local sales taxes <i>Assessment charges on sale of goods or services by city, borough country or other taxing authorities below state/provincial level.</i>
LST	Lust tax <i>Tax imposed for clean-up of leaky underground storage tanks.</i>
OTH	Other taxes <i>Unspecified, miscellaneous tax charges.</i>
STT	State/provincial sales tax <i>All applicable sale taxes by authorities at the state or provincial level, below national level.</i>
VAT	Value added tax <i>A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.</i>

Not Used	TAX02 - 2	1131	Code list qualifier Identification of a code list.	C an..3
Not Used	TAX02 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
Not Used	TAX02 - 4	5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35
Not Used	TAX03	C533	DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C
Not Used	TAX04	5286	DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15
	TAX05	C243	DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
Not Used	TAX05 - 1	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
Not Used	TAX05 - 2	1131	Code list qualifier Identification of a code list.	C an..3
Not Used	TAX05 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3

	TAX05 - 4	5278 Duty/tax/fee rate	C an..17
		Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
		AVNET Business Requirement: Tax Percentage (#132)	
		Required by AVNET if tax is applicable to the allowance/charges.	
Not Used	TAX05 - 5	5273 Duty/tax/fee rate basis identification	C an..12
		Identification of the various elements of tax combination to be attributed to a commodity.	
Not Used	TAX05 - 6	1131 Code list qualifier	C an..3
		Identification of a code list.	
Not Used	TAX05 - 7	3055 Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
	TAX06	5305 DUTY/TAX/FEE CATEGORY, CODED	C an..3
		Code identifying a tax/duty/fee category within a tax/duty/fee type system.	
		AVNET Business Requirement: Tax Type (#133)	
		Required by AVNET if tax is applicable to the allowance/charges.	
		L Lower Rate	
		Use AVNET assigned code value pending UN/EDIFACT data maintenance.	
		H Higher rate	
		S Standard rate	
		Z Zero rated goods	
Not Used	TAX07	3446 PARTY TAX IDENTIFICATION NUMBER	C an..20
		Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	

SEGMENT: **MOA Monetary amount**

GROUP: 43-LIN/ALC/TAX

STATUS: Conditional

REPEAT: 1

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment specifying the amount for the allowance or charge.

COMMENT: **Required by AVNET if a tax is applicable to the allowance/charge.**

Always expressed in invoicing currency.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	
Required	MOA01 - 1 5025 Monetary amount type qualifier Indication of type of amount.	M	an..3
	MOA01 - 2 5004 Monetary amount Number of monetary units.	C	n..18
	AVNET Business Requirement: Line Tax Value (#131)		
Not Used	MOA01 - 3 6345 Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.	C	an..3
Not Used	MOA01 - 4 6343 Currency qualifier Code giving specific meaning to data element 6345 Currency.	C	an..3
Not Used	MOA01 - 5 4405 Status, coded Provides information regarding a status.	C	an..3

SEGMENT: **UNS** **Section control**

STATUS: Mandatory

REPEAT: 1

FUNCTION: To separate header, detail, and summary sections of a message.

CLARIFICATION: A service segment placed at the start of the summary section to avoid segment collision.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
UNS01	0081 SECTION IDENTIFICATION	M	a1
	A character identifying the next section in a message. Note: See ISO 9735 version 2.		

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

STATUS: Conditional

REPEAT: 10

FUNCTION: To provide control total.

CLARIFICATION: A segment by which control totals may be provided by the sender for checking by the receiver.

COMMENT: **AVNET Business Requirement: Message Control Totals (#123)**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
CNT01	C270 CONTROL Control total for checking integrity of a message or part of a message.	M	
CNT01 - 1	6069 Control qualifier Determines the source data elements in the message which forms the basis for 6066 Control value.	M	an..3
CNT01 - 2	6066 Control value Value obtained from summing the values specified by the Control Qualifier throughout the message (Hash total).	M	n..18
CNT01 - 3	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

See Appendix C for the ASC X12 Unit of Measurement (data element 355) code list, which will be used by AVNET.

GROUP: 48 MOA

STATUS: Mandatory

REPEAT: 100

FUNCTION: A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts pre-paid with relevant references and dates-

SEGMENT: MOA Monetary amount

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT	M	
	Amount of goods or services stated as a monetary amount in a specified currency.		
MOA01 - 1	5025 Monetary amount type qualifier	M	an..3
	Indication of type of amount.		

AVNET Business Requirement: Total Invoice Tax Value in the Tax Currency (#135)

Required if the authorities where the invoice is created require the inclusion of tax data.

113 Prepaid amount
(5302) Amount which has been prepaid in advance.
AVNET Business Requirement: Total Prepaid Amount (#111)

Required if the invoice has been prepaid.

124 Tax amount
Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.
AVNET Business Requirement: Total Invoice Tax Value (#134)

Required if the authorities where the invoice is created require the inclusion of tax data.

125 Taxable amount
AVNET Business Requirement: Total Invoice Amount Excluding Tax (#100)

Required if the authorities where the invoice is created require the inclusion of tax data.

13 Amount subject to total monetary discount

			<p>AVNET Business Requirement: Amount Subject to Terms Discount (#115)</p> <p>Required if a discount is offered.</p>
		138	<p>Total monetary discount amount <i>Total of monetary discount amounts.</i></p>
		39	<p>Invoice total amount <i>[5444] Total sum charged in respect of one or more Invoices in accordance with the terms of delivery.</i></p> <p>AVNET Business Requirement: Total Invoice Amount (#99) Required by AVNET.</p>
		9	<p>Amount due/amount payable <i>Amount to be paid.</i></p> <p>AVNET Business Requirement: Payment Value (#98)</p> <p>Required if payment currency is different from the invoice currency.</p>
Required	MOA01 - 2	5004	<p>Monetary amount Number of monetary units.</p>
	MOA01 - 3	6345	<p>Currency, coded Identification of the name or symbol of the monetary unit involved in the transaction.</p>
	MOA01 - 4	6343	<p>Currency qualifier Code giving specific meaning to data element 6345 Currency.</p>
		11	<p>Payment currency <i>The name or symbol of the monetary unit used for payment.</i></p> <p>AVNET Business Requirement: Payment Currency (#94)</p>
		3	<p>Home currency <i>The name or symbol of the local monetary unit.</i></p> <p>AVNET Business Requirement: Home Currency (#96)</p>
Not Used	MOA01 - 5	4405	<p>Status, coded Provides information regarding a status.</p>

GROUP: 49 MOA/RFF

STATUS: Conditional

REPEAT: 1

FUNCTION: A group of segments for giving references and where necessary, their dates, relating e.g. amounts prepaid number.

SEGMENT: RFF Reference

STATUS: Mandatory

REPEAT: 1

FUNCTION: To specify a reference.

CLARIFICATION: A segment identifying the reference by its number and where appropriate a line number within a document.

COMMENT: **To specify references to the pre-payment. The amount in the previous MOA.**

AVNET Business Requirement: Total Prepaid Amount (#111)

Required by AVNET if the invoice is prepaid.

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
RFF01	C506 REFERENCE Identification of a reference.	M	
RFF01 - 1	1153 Reference qualifier Code giving specific meaning to a reference segment or a reference number.	M	an..3
	AEK Payment order number		
	BN Booking reference number <i>[1016] Reference number assigned by the carrier or his agent when cargo space is reserved prior to loading.</i>		
	CK Cheque number <i>Unique number assigned to one specific cheque.</i>		
	TE Telex message number <i>Reference number identifying a telex message.</i>		
Required	RFF01 - 2 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
	AVNET Business Requirement: Prepayment Amount Details (#110)		
Not Used	RFF01 - 3 1156 Line number Number of the line in the document/message referenced in 1154 Reference number.	C	an..6
	RFF01 - 4 4000 Reference version number To uniquely identify a reference by its revision number.	C	an..35

GROUP: 50 TAX

STATUS: Conditional

REPEAT: 10

FUNCTION: A group of segments specifying taxes totals for the invoice.

SEGMENT: TAX Duty/tax/fee details

STATUS: Mandatory

REPEAT: 1

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

CLARIFICATION: A segment specifying the tax type to be summarized.

COMMENT: **Required by AVNET, if the authorities of the countries where the invoice is created require the inclusion of VAT/fiscal data.**

This TAX segment is used to specify each tax type/category on the invoice. The MOA following each tax segment specifies the tax amount for each TAX type/category on the invoice. The tax codes shown are a selection from a comprehensive code list curenly available in Appendix C.

Data Element Summary

	REFERENCE DES.	TAG - NAME	ST.	REPR.
	TAX01	5283 DUTY/TAX/FEE FUNCTION QUALIFIER Code identifying the function of an duty, tax or fee information.	M	an..3
		7 Tax <i>Contribution levied by an authority.</i>		
Required	TAX02	C241 DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	
Required	TAX02 - 1	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.	C	an..3
		AVNET Business Requirement: Tax Type (#133)		
		AAA Petroleum tax		
		CUD Customs duty <i>Duties laid down in the Customs tariff, to which goods are liable on entering or leaving the Customs territory (CCC).</i>		
		ENV Environmental tax <i>Tax assessed for funding or assuring environmental protection or clean-up.</i>		
		EXC Excise duty <i>Customs or fiscal authorities code to identify a specific or ad valorem levy on a specific commodity, applied either domestically or at time of importation.</i>		
		FET Federal excise tax <i>Tax levied by the federal government on the manufacture of specific items.</i>		

GST	Goods and services tax <i>Tax levied on the final consumption of goods and services throughout the production and distribution chain.</i>
IMP	Import tax <i>Tax assessed on imports.</i>
LAC	Business license fee <i>Government assessed charge for permit to do business.</i>
LOC	Local sales taxes <i>Assessment charges on sale of goods or services by city, borough country or other taxing authorities below state/provincial level.</i>
LST	Lust tax <i>Tax imposed for clean-up of leaky underground storage tanks.</i>
OTH	Other taxes <i>Unspecified, miscellaneous tax charges.</i>
STT	State/provincial sales tax <i>All applicable sale taxes by authorities at the state or provincial level, below national level.</i>
VAT	Value added tax <i>A tax on domestic or imported goods applied to the value added at each stage in the production/distribution cycle.</i>

Not Used	TAX02 - 2	1131	Code list qualifier Identification of a code list.	C an..3
Not Used	TAX02 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3
Not Used	TAX02 - 4	5152	Duty/tax/fee type Type of duty or tax or fee applicable to commodities or of tax applicable to services.	C an..35
Not Used	TAX03	C533	DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C
Not Used	TAX04	5286	DUTY/TAX/FEE ASSESSMENT BASIS Value or quantity on which a duty or tax will be assessed.	C an..15
	TAX05	C243	DUTY/TAX/FEE DETAIL Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C
AVNET Business Requirement: Tax Percentage (#132)				
Required by AVNET if a tax is applicable.				
	TAX05 - 1	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
	TAX05 - 2	1131	Code list qualifier Identification of a code list.	C an..3
	TAX05 - 3	3055	Code list responsible agency, coded Code identifying the agency responsible for a code list.	C an..3

	TAX05 - 4	5278 Duty/tax/fee rate	C an..17
		Rate of duty or tax or fee applicable to commodities or of tax applicable to services.	
	TAX05 - 5	5273 Duty/tax/fee rate basis identification	C an..12
		Identification of the various elements of tax combination to be attributed to a commodity.	
	TAX05 - 6	1131 Code list qualifier	C an..3
		Identification of a code list.	
	TAX05 - 7	3055 Code list responsible agency, coded	C an..3
		Code identifying the agency responsible for a code list.	
	TAX06	5305 DUTY/TAX/FEE CATEGORY, CODED	C an..3
		Code identifying a tax/duty/fee category within a tax/duty/fee type system.	
		Required if a tax is applicable.	
		AVNET Business Requirement: Tax Type (#133)	
		L Lower Rate	
		Use AVNET assigned code value pending UN/EDIFACT data maintenance.	
		H Higher rate	
		S Standard rate	
		Z Zero rated goods	
Not Used	TAX07	3446 PARTY TAX IDENTIFICATION NUMBER	C an..20
		Number assigned to a purchaser (buyer, orderer) by a tax jurisdiction (state, country, etc).	

SEGMENT: **MOA** **Monetary amount**

GROUP: 50-TAX

STATUS: Conditional

REPEAT: 2

FUNCTION: To specify a monetary amount.

CLARIFICATION: A segment specifying the summary amount for the tax specified.

COMMENT: **Required by AVNET if the authorities of the country where the invoice is created require the inclusion of VAT/Fiscal data.**

Data Element Summary

REFERENCE DES.	TAG - NAME	ST.	REPR.
MOA01	C516 MONETARY AMOUNT	M	
	Amount of goods or services stated as a monetary amount in a specified currency.		
MOA01 - 1	5025 Monetary amount type qualifier	M	an..3
	Indication of type of amount.		
	124 Tax amount		
	<i>Tax imposed by government or other official authority related to the weight/volume charge or valuation charge.</i>		
MOA01 - 2	5004 Monetary amount	C	n..18
	Number of monetary units.		
	AVNET Business Requirement: VAT/Fiscal Control Totals (#136)		
	Required by AVNET if a tax is applicable.		
Required	MOA01 - 3	6345 Currency, coded	C an..3
	Identification of the name or symbol of the monetary unit involved in the transaction.		
	Use Standard ISO code (See Appendix C).		
Required	MOA01 - 4	6343 Currency qualifier	C an..3
	Code giving specific meaning to data element 6345 Currency.		
	3 Home currency		
	<i>The name or symbol of the local monetary unit.</i>		
	AVNET Business Requirement: Tax Currency (#96) Required by AVNET.		
Not Used	MOA01 - 5	4405 Status, coded	C an..3
	Provides information regarding a status.		

SEGMENT: **UNT** **Message trailer**

STATUS: Mandatory

REPEAT: 1

FUNCTION: To end and check the completeness of a message.

CLARIFICATION: 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

REFERENCE DES.	TAG - NAME	ST.	REPR.
UNT01	0074 NUMBER OF SEGMENTS IN A MESSAGE Control count of number of segments in a message.	M	n..6
UNT02	0062 MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M	an..14

This number must equal the number in UNH01 (DE0062).