



Australian Foodservice Industry INVOICE Message

Message

Implementation
Guideline

Based on

EANCOM 2002 Syntax
Version 3 UN/EDIFACT
directory D.01B

Version 1.5

16th December 2014

FINAL

Document Change Control

Document Version	Released	BY	Changes
Version 1.0 (Draft)	September 2014	Paul Hackett	Created message
Version 1.1 (Draft)	September 2014	Paul Hackett	Alignment with Grocery 2009
Version 1.2 (Draft)	October 2014	Paul Hackett	Created fully worked example
Version 1.3 (Draft)	November 2014	Paul Hackett	Adjustments from peer review
Version 1.4 (Draft)	November 2014	Paul Hackett	Released for Industry review
Version 1.5 Final	16th December 2014	Paul Hackett	Added IE as an additional value in the PRI Segment at DE 5125

Disclaimer

Every possible effort has been made to ensure that the information and specifications in this document are correct, however GS1 Australia expressly disclaim liability for any errors.

In addition, no warranty or representation is made that this document will not require modification due to developments in new business practice, technology, changes or additions to the GS1 System.

Notes

Indicators

The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the Segment Description, the Base Status (M)andatory / (C)onditional indicator, the User Status, and the maximum number of occurrences.

Additionally, there are four types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

REQUIRED	R	Indicates that the entity is required and must be sent.
DEPENDENT	D	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
OPTIONAL	O	Indicates that the entity is optional and may be sent at the discretion of the user.
NOT USED	X	Indicates that the entity is not used and should be omitted.

Status

MESSAGE TYPE : INVOIC

REFERENCE DIRECTORY : D.01B

EANCOM® SUBSET VERSION : 010

V1.5 FINAL –

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Definition

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

The United Nations Standard Invoice Message, with correct data qualification, serves also as the specification for Debit Note and Credit Note messages.

Throughout this document, the reference to 'Invoice' may be interpreted as conveying the wider meaning of 'Invoice / Credit Note / Debit Note'.

Principles

A seller may invoice for one or more transactions

An invoice may refer to goods, items or services related to one or more orders, delivery instructions, call-offs, etc...

An invoice may contain references to payment terms

Format and picture of data elements

The following conventions apply in the present documentation:

Character type:

a :alphabetic characters
n :numeric characters
an :alpha-numeric characters

Size:

Fixed : all positions must be used

Variable : positions may be used up to a specified maximum

Examples:

a3 :3 alphabetic characters, fixed length
n3 :3 numeric characters, fixed length
an3 :3 alpha-numeric characters, fixed length
a..3 :up to 3 alphabetic characters
n..3 :up to 3 numeric characters
an..3 :up to 3 alpha-numeric characters



Business and Implementation Rules

This section describes how electronic Invoices (INVOIC document) are to be used in trading electronically within the Foodservice community.

Functional Acknowledgements

A Functional Acknowledgement (FA) at interchange level is expected for all documents exchanged between Buyers and Suppliers.

If the Sender does not receive a Functional Acknowledgment (FA) from the Receiver's system after sending a message, the sender must follow through with the Receiver to resolve the problem.

Only an acknowledgment of receipt of an interchange for all messages is required. Any errors found in any message must be communicated promptly with personnel responsible for the transaction.

Overview

This electronic Invoice implementation process is based on the Supplier providing a separate and unique Invoice document for each delivery, ie. One Invoice message per Despatch Advice message.

It is the Working Group's expectation that once a Supplier transitions to electronic Invoices with a Buyer, sending paper invoices with the goods will no longer be required.

Note: Paper PODs (Proof of Delivery) will still be required and may be in the form of a Delivery Docket, Consignment Note, etc.

Validations

While no parties in the Industry are currently transacting using electronic Invoices, the Working Group anticipate that when the Industry does commence, each party will conform to some basic, common validation rules after receipt of the document.

1. HEADER Level

Electronic Invoices will fail the matching process if any of the following Header level validation rules are not met:

- a. The ABN number is not included on the electronic Invoice document, or does not match the Buyers, Supplier system records.
- b. The electronic Invoice is a duplicate of a previously accepted and processed. Invoice. Ie it is a duplicate. A duplicate electronic Invoice is defined as having the same: Invoice Number, Vendor Number and PO Number.
- c. If the PO Number is not included in the electronic Invoice document, or does not match the original Purchase Order.



- d. The Vendor Number is not included in the electronic Invoice document, or does not match the Vendor Number on the original buyers Purchase Order.
- e. The Despatch Advice (DESADV) number is not included in the electronic Invoice document, or the DESADV has not had stock receipted against it by the Buyer..
- f. The delivery location is not included on the electronic Invoice or does not match the original Purchase Order.
- g. If the electronic Invoice Total does not match the expected Total based on the Buyer calculations Suppliers will need to understand how each Buyer calculates this figure.

2. Item Level

Electronic Invoices will fail the matching process if any of the following Line Item level validation rules are not met:

- a. If the electronic Invoice Quantity does not equal DESADV Quantity.
- b. If the electronic Invoice Quantity does not equal Goods Receipt Quantity.
- c. If the electronic Invoice Price does not equal the Purchase Order (PO)Price.
- d. If the electronic Invoice Price does not equal the Purchase Order Response (POR)Price.
- e. If any line item on the electronic Invoice does not have a valid GTIN.
- f. If any line item on the electronic Invoice has a GTIN that does not match the DESADV.
- g. If any line item on the electronic Invoice has a GST rate that does not match the Buyers Item system records.

NOTE

Receivers ERP systems will need to be configured to accept multiple electronic invoices per order ie , not close off after receiving the first invoice

Exception Handling

The Buying party will need to contact the Supplier for any electronic Invoice that fails to meet any of the validation rules they apply, identifying the detail and reason for the electronic Invoice failing matching process.

Notification could be by electronic or manual means. The Working party has not agreed on any common standard for this process

The process of resolving matching issues between individual Buyers and Suppliers will most likely remain as they currently are for the existing paper process



Acknowledgments

This EDI - Message Implementation Guideline has been sponsored by the Foodservice Industry Working Group.

The Working Group members include the following organizations: -

Bidvest	NAFTA
Heinz	PFD
KCR	Simplot



Business Rules

The implementation of this Despatch Advice document is subject to some specific business rules set out and agreed by the Foodservice Industry Working Group.

This section describes how the Despatch Advice messages (DESADV documents) are to be used in trading electronically within the Foodservice Industry.

Functional Acknowledgements (FA)

An automated Functional Acknowledgement (FA) at interchange level is expected for all documents exchanged using EDI between Buyers and Suppliers.

Only acknowledgment of receipt of an interchange for all messages is required. Any errors found in any message must be communicated promptly with personnel responsible for the transaction.

If the sending party does not receive a Functional Acknowledgment (FA) after sending a message, they must follow through with the intended receiver to resolve the problem.

If a Supplier does not receive an FA after sending a Despatch Advice, the Supplier should not despatch stock against that Despatch Advice.

Identifiers

Only GS1 standard numbers will be used

- Items – GS1 Retail GTINS
- Cartons – GS1 Non Retail GTINS
- Logistic Units (Pallets) – GS1 Logistics Label with GS1 SSCC
- Locations – GS1 GLN



Invoice Message - INVOIC

Page	Pos.	Seg.		Base	User		Group	Notes and
No.	No.	ID	Name	Status	Status	Max.Use	Repeat	Comments
8	0005	UNB	Interchange Header	M	M	1		
10	0010	UNH	Message header	M	M	1		
12	0020	BGM	Beginning of message	M	M	1		
14	0030	DTM	Date/time/period	M	M	35		
	0120		Segment Group 1: RFF-DTM	M	M		99999	
16	0130	RFF	Reference	M	M	1		
17	0140	DTM	Date/time/period	C	R	5		
	0220		Segment Group 2: NAD-SG3	M	M		99	
19	0230	NAD	Name and address	M	M	1		
	0270		Segment Group 3: RFF	M	M		9999	
22	0280	RFF	Reference	M	M	1		
	0740		Segment Group 16: ALC-SG20-SG22	C	C		9999	
24	0750	ALC	Allowance or charge	M	M	1		
	0870		Segment Group 20: MOA	M	M		2	
27	0880	MOA	Monetary amount	M	M	1		
	0950		Segment Group 22: TAX-MOA	O	C		5	
29	0960	TAX	Duty/tax/fee details	M	M	1		
31	0970	MOA	Monetary amount	C	M	1		
	1090		Segment Group 26: LIN-QTY-SG27-SG29-SG34	M	M		9999999	
33	1100	LIN	Line item	M	M	1		
34	1150	QTY	Quantity	C	M	5		
	1250		Segment Group 27: MOA	M	M		99	
36	1260	MOA	Monetary amount	M	M	1		
	1330		Segment Group 29: PRI	M	M		25	
38	1340	PRI	Price details	M	M	1		
	1550		Segment Group 34: TAX	O	M		99	
42	1560	TAX	Duty/tax/fee details	M	M	1		
43	2170	UNS	Section control	M	M	1		
44	2180	CNT	Control total	C	M	10		
	2190		Segment Group 50: MOA	M	M		100	
46	2200	MOA	Monetary amount	M	M	1		
47	2320	UNT	Message trailer	M	M	1		
48	2330	UNZ	Interchange Trailer	M	M	1		



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

Notes: All messages implemented based on EANCOM 2002 will use syntax level C, version 3 as indicated in DE S0001 and DE S0002 as UNOC:3.

 Example:

 UNB+UNOC:3+9322222000004:14+93111110000001:14+130705:1032+1999++++1'
 This element should be included in the UCI segment of the control message (Functional Acknowledgement)

Data Element Summary				
Data Element	Component Element	Name	Base Attributes	User Attributes
S001	0001	SYNTAX IDENTIFIER	M	M
		Syntax identifier	M a4	M
		UNOC Controlling agency and level, UN/ECE level C.		
	0002	Syntax version number	M n1	M
		3 Version number of syntax, Version 3		
S002	0004	INTERCHANGE SENDER	M	M
		GLN (13)	M an..35	M
	0007	Partner identification code qualifier	C an..4	R
		14 GS1		
	0008	Address for reverse routing	C an..35	R
		Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing. This element replaces the use of UNG/UNE segments from earlier versions and as a result UNG/UNE segments are no longer supported.		
S003	0010	INTERCHANGE RECIPIENT	M	M
		GLN (13)	M an..35	M
	0007	Partner identification code qualifier	C an..4	R
		14 GS1		
	0014	Routing Address	C an..14	D
S004	0017	DATE AND TIME OF PREPARATION	M	M
		Date of preparation M n6 M YYMMDD Date Format		
	0019	Time of preparation	M n4	M
		HHMM Time Format		
0020		INTERCHANGE CONTROL REFERENCE	M an..14	M



S005	RECIPIENT REFERENCE PASSWORD C	X
0026	APPLICATION REFERENCE	C an..14 X
0029	PROCESSING PRIORITY CODE	C a1 X
0031	ACKNOWLEDGEMENT REQUEST	C n1 R

1 Acknowledgement requested
This indicator is used to indicate a control message needs to be returned upon receipt of this message.

0032	COMMUNICATIONS AGREEMENT IDENTIFIER	C an..35 X
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0035	TEST INDICATOR	C n1 D
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1 For test message, Otherwise blank
Used to indicate that the message is sent for test purposes only and should be disregarded by the recipient if the message is flagged as test.

Segment: **UNH** Message header
Position: 0010
Group:
Level: 0
Usage: Mandatory



Max Use: 1

Purpose: A service segment starting and uniquely identifying a message. The message type code for the Invoice message is INVOIC.
Note: Invoice messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 INVOIC 0052 D 0054 01B 0051 UN

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Invoice Heading Section

This segment is used to head, identify and specify a message.

DE's 0065, 0052, 0054, and 0051: Indicate that the message is a UNSM Invoice based on the D.01B directory under the control of the United Nations.

Example:

UNH+1022+INVOIC:D:01B:UN:EAN010'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0062		MESSAGE REFERENCE NUMBER	M an..14	M

Unique message reference assigned by the sender.

Notes:

1. Shall be identical in UNH and UNT.

Sender's unique message reference. Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender.

S009

MESSAGE IDENTIFIER

M

M

Identification of the type, version etc. of the message being interchanged.

0065

Message type

M

an..6

M

Code identifying a type of message and assigned by its controlling agency.

Notes:

1. Type of message being transmitted.

INVOIC

Invoice message

A code to identify the invoice message.

GS1 description:

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.

0052

Message version number

M

an..3

M

Version number of a message type.

Notes:

1. If UNG/UNE is used, shall be identical in UNG and UNE.

The representation of 0052 was specified as n..3 in version 1 of ISO 9735.

D

Draft version/UN/EDIFACT Directory

Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997).



0054	Message release number	M	an..3	M
	Release number within the current message type version number (0052).			
	Notes:			
	1. The representation of 0054 was specified as n..3 in version 1 of ISO 9735.			
	01B	Release 2001 - B		
		Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory).		
0051	Controlling agency	M	an..2	M
	Code to identify the agency controlling the specification, maintenance and publication of the message type.			
	UN	UN/CEFACT		
		United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT).		
		GS1 description:		
		UN Economic Commission for Europe (UN/ECE), Committee on the development of trade (TRADE), Working Party on facilitation of international trade procedures (WP.4).		
0057	Association assigned code	C	an..6	R
	A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message.			
	Indicates that the message is the EANCOM version 010 of the UNSM Invoice.			
	EAN010	EAN version control number (GS1 Code)		
0068	COMMON ACCESS REFERENCE	C	an..35	X
	Reference serving as a key to relate all subsequent transfers of data to the same business case or file.			
	Notes:			
	1. Key to relate all subsequent transfers of data to the same business case or file. Within the 35 characters the IA may specify component elements.			
S010	STATUS OF THE TRANSFER	C		X
	Statement that the message is one in a sequence of transfers relating to the same topic.			
0070	Sequence of transfers	M	n..2	X
	Number assigned by the sender indicating the numerical sequence of one or more transfers.			
	Notes:			
	1. Starts at 1 and is incremented by 1 for each transfer.			
0073	First and last transfer	C	a1	X
	Indication used for the first and last message in a sequence of the same type of message relating to the same topic.			
	Notes:			
	1. Must be present if more than one transfer is foreseen.			



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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to indicate the type and function of a message and to transmit the identifying number. It is recommended that the length of the document number be restricted to a maximum of 17 characters.

Example:

BGM+388:::TAX INVOICE+432097+9'

This example identifies the document as being an original Tax Invoice using the code value 388. The document has the reference number 432097.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C002		DOCUMENT/MESSAGE NAME	C	R
		Identification of a type of document/message by code or name. Code preferred.		
	1001	Document name code	C an..3	R
		Code specifying the document name.		
		It is of critical importance to use the appropriate document name qualifier relevant to the message. Before using code value '384', it is advised to check with the local tax authorities the legality of using corrected invoices, as some countries may not allow their use.		
		83	Credit note related to financial adjustments	
			Document message for providing credit information related to financial adjustments to the relevant party, e.g., bonuses.	
		383	Debit note - goods and services	
			Document/message for providing debit information to the relevant party.	
		384	Corrected invoice	
			Commercial invoice that includes revised information differing from an earlier submission of the same invoice.	
		388	Tax invoice	
			An invoice for tax purposes.	
	1131	Code list identification code	C an..17	X
		Code identifying a user or association maintained code list.		
		Notes:		
		1. The codes for this data element are provided by the code list responsible agency defined in data element 3055.		
	3055	Code list responsible agency code	C an..3	X
		Code specifying the agency responsible for a code list.		
	1000	Document name	C an..35	R



Value "TAX INVOICE"

C106	DOCUMENT/MESSAGE IDENTIFICATION			C		R
	Identification of a document/message by its number and eventually its version or revision.					
	1004	Document identifier		C	an..35	R
	To identify a document.					
	Invoice Number assigned by document sender.					
	1056	Version identifier		C	an..9	X
	To identify a version.					
	1060	Revision identifier		C	an..6	X
	To identify a revision.					
1225	MESSAGE FUNCTION CODE			C	an..3	R
	Code indicating the function of the message.					
	<p>The message function, coded is a critical data element in this segment. It applies to all data indicated in the message. Consequently, one separate message has to be provided per type of function required. The following definitions apply for the restricted codes:</p> <p>7 = Duplicate - Re-transmission involving the same parties, on the specific request of the receiver.</p> <p>9 = Original - An indication to the receiver that this invoice is an original invoice, i.e., not a replacement or duplicate.</p> <p>31 = Copy - A copy of an invoice for a third party for information purposes.</p>					
	7	Duplicate				
		The message is a duplicate of a previously generated message.				
	9	Original				
		Initial transmission related to a given transaction.				
	31	Copy				
		Indicates that the message is a copy of an original message that has been sent, e.g. for action or information.				
4343	RESPONSE TYPE CODE			C	an..3	X
	Code specifying the type of acknowledgment required or transmitted.					



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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify the date or period of the invoice. It may also be used to specify the date on which the goods were despatched, delivered, or received.
DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message. Example:

DTM+137:2013705:102'

The document date is the 5th of July 2013.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		Dependency Notes:		
		If there is a legal requirement to have the date of creation of the invoice from the accounting application system specified, then additionally code value '454' should be used.		
	35	Delivery date/time, actual		
		Date/time on which goods or consignment are delivered at their destination.		
	137	Document/message date/time		
		(2006) Date/time when a document/message is issued. This may include authentication.		
	2380	Date or time or period value	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period.		
	102	CCYYMMDD		
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		
	203	CCYYMMDDHHMM		
		Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.		



Group: **RFF** Segment Group 1: Reference
Position: 0120
Group:
Level: 1
Usage: Mandatory
Max Use: 99999
Purpose: A group of segments for giving references and where necessary, their dates, related identification numbers, locations, measurements, quantities, free text and monetary amounts, relating to the whole message, e.g. contract information, import or export license information, despatch advice information.
Notes: A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export license number, despatch advice number.

Segment Summary						
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0130	RFF	Reference	M	1	
	0140	DTM	Date/time/period	C	5	



Segment: **RFF** Reference
Position: 0130 (Trigger Segment)
Group: SG1
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.

Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example:

The Foodservice Industry Working Group has determined that the Original Order number used by the Buyer, and the Despatch Advice number to which the Invoice refers, are both mandatory references for the Invoice document.

RFF+ON:P3399951'

REF+AAK:DES587441'

If the document type is a credit note the invoice to which it relates may need to be specified. This is done using the 'IV' qualifier for DE 1153.

RFF=IV:11167'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Identification of a reference.		
	1153	Reference code qualifier	M an..3	M
		The Foodservice Industry Working Group has determined that the Original Order number used by the Buyer, and the Despatch Advice number to which the Invoice refers, are both mandatory references for the Invoice document.		
		Code qualifying a reference		
		AAK	Despatch advice number	
			Reference number assigned by issuing party to a despatch advice.	
		CR	Customer reference number	
			Reference number assigned by the customer to a transaction.	
		IV	Invoice number	
			[1334] Reference number assigned by the seller to a Commercial Invoice.	
		ON	Order number (buyer)	
			[1022] Reference number assigned by the buyer to an order.	
	1154	Reference identifier	C an..70	R
		Identifies a reference.		



Segment: **DTM** Date/time/period
Position: 0140
Group: SG1
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify any dates related to the references given in the previous RFF segment.

Example:

The Order document date
DTM+171:20130624:102'

The Despatch Advice document date
DTM+171:20130628:102'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C507		DATE/TIME/PERIOD	M	M
		Date and/or time, or period relevant to the specified date/time/period type.		
	2005	Date or time or period function code qualifier	M an..3	M
		Code qualifying the function of a date, time or period.		
		171 Reference date/time		
		Date/time on which the reference was issued.		
	2380	Date or time or period value	C an..35	R
		The value of a date, a date and time, a time or of a period in a specified representation.		
	2379	Date or time or period format code	C an..3	R
		Code specifying the representation of a date, time or period		
		102 CCYYMMDD		
		Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.		
		203 CCYYMMDDHHMM		
		Calendar date including time with minutes: C=Century; Y=Year; M=Month; D=Day; H=Hour; M=Minutes.		



Group: **NAD** Segment Group 2: Name and address
Position: 0220
Group:
Level: 1
Usage: Mandatory
Max Use: 99
Purpose:
Notes: A group of segments identifying the parties with associated information.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0230	NAD	Name and address	M	1	
	0270		Segment Group 3: Reference	M		9999



Segment: **NAD** Name and address
Position: 0230 (Trigger Segment)
Group: SG2
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying names and addresses of the parties, in coded form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to identify the trading parties involved in the invoice process. Identification of the buyer and supplier of goods and services is mandatory in the Invoice. Additionally, the issuer of the invoice and the invoicee must be identified if different from the buying and supplying parties. The consignee or delivery party needs to be specified if different to the buyer's address.

Example:

NAD+BY+9311111000010::9'

NAD+SU+9322222000016::9'

NAD+ST+9311111010407::9'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
3035		PARTY FUNCTION CODE QUALIFIER Code giving specific meaning to a party.	M an..3	M
	BY	Buyer		
		Required : Party to whom merchandise and/or service is sold		
	IV	Invoicee The Party to whom the Invoice is to be issued the "Bill to" party		
	RE	Party to receive commercial invoice remittance Party to whom payment for a commercial invoice or bill should be remitted.		
	ST	Ship to Required : Identification of the party to where goods will be or have been shipped.		
	SU	Supplier Required : Party who supplies goods and/or services.		
		GS1 description: Party which provides service(s) and/or manufactures or otherwise has possession of goods, and consigns or makes them available in trade.		
	UC	Ultimate consignee Party who has been designated on the invoice or packing list as the final recipient of the stated merchandise.		



	Identification of a transaction party by code.			
3039	Party identifier	M	an..35	M
	Code specifying the identity of a party.			
	For identification of parties it is recommended to use GLN - Format n13.			
1131	Code list identification code	C	an..17	X
	Code identifying a user or association maintained code list.			
	Notes:			
	1. The codes for this data element are provided by the code list responsible agency defined in data element 3055.			
3055	Code list responsible agency code	C	an..3	R
	Code specifying the agency responsible for a code list.			
9	GS1 Description			



Group: **RFF** Segment Group 3: Reference
Position: 0270
Group: Segment Group 2 (Name and address) Mandatory
Level: 2
Usage: Mandatory
Max Use: 9999
Purpose:
Notes: A group of segments for giving references only relevant to the specified party rather than the whole invoice.

	Segment Summary					
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0280	RFF	Reference	M	1	



Segment: **RFF** Reference
Position: 0280 (Trigger Segment)
Group: SG2-SG3
Level: 2
Usage: Mandatory
Max Use: 1

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

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify reference numbers related to the parties identified in the previous NAD segment. Used in this implementation to quote the ABN of each party

AMT is the code used to identify the suppliers ABN

Example:

RFF+AMT:ABN97111518777'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C506		REFERENCE	M	M
		Used to provide the ABN of the party identified in NAD SG2.		
	1153	Reference code qualifier	M an..3	M
		Code qualifying a reference.		
		AMT	Goods and Services Tax identification number	
			An identification number assigned to an organization collecting Goods and Services Taxes (GST).	
			Required. This code is used to specify suppliers ABN.	
	1154	Reference identifier	C an..70	R
		ABN Number		



Group: **ALC** Segment Group 16: Allowance or charge
Position: 0740
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments specifying allowances and charges for the whole invoice. The allowance or charge specified within this Segment group may either relate to the total invoice in which case it cannot be overridden at detail level, or it can relate to the line items as a default allowance/charge and can be overridden by the ALC Segment group within the detail section. Where relevant, additional information, tax and alternate currency details are to be indicated in the TAX and MOA segments.
 The basis for the calculation of the allowance/charge may be a quantity, a percentage, an amount or a rate and one of the Segment group 17-21 should be used accordingly.

Notes: A group of segments specifying allowances and charges for the whole invoice. Allowances and charges in the heading section of a message are independent from those in the detail section, e.g. ALC at detail level does not override ALC at heading level.

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	0750	ALC	Allowance or charge	M	1	
	0870		Segment Group 20: Monetary amount	M		2
	0950		Segment Group 22: Duty/tax/fee details	O		5



Segment: **ALC** Allowance or charge
Position: 0750 (Trigger Segment)
Group: SG16
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the charge or allowance and, where necessary, its calculation sequence.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to indicate any Allowances or Charges applicable to the total invoice, e.g. packaging costs.
 Allowances or charges specified in the detail section do not override or replace allowances or charges specified at header level but compliment them.

Example:
 ALC+C'

This means there is a charge included in the invoice

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5463		ALLOWANCE OR CHARGE CODE QUALIFIER Code qualifying an allowance or charge.	M an..3	M
	A	Allowance Code specifying an allowance.		
		GS1 description: Deduction in the form of a rate, amount, percentage, or quantity to the price or amount charged for a product.		
	C	Charge Code specifying a charge.		
		GS1 description: Addition in the form of a rate, amount, percentage, or quantity to the price or amount charged for a product.		
C552		ALLOWANCE/CHARGE INFORMATION Identification of allowance/charge information by number and/or code.	C	X
	1230	Allowance or charge identifier To identify an allowance or charge.	C an..35	X
		If code '69' is used in DE 5189, the agreement number must be specified in DE 1230.		
	5189	Allowance or charge identification code Code specifying the identification of an allowance or charge. Refer to D.01B Data Element Dictionary for acceptable code values.	C an..3	X
4471		SETTLEMENT MEANS CODE Code specifying the means of settlement.	C an..3	X
1227		CALCULATION SEQUENCE CODE Code specifying a calculation sequence. Refer to D.01B Data Element Dictionary for acceptable code values.	C an..3	X
C214		SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C	X
	7161	Special service description code	C an..3	X



	Code specifying a special service.			
1131	Code list identification code	C	an..17	X
	Code identifying a user or association maintained code list.			
	Notes:			
	1. The codes for this data element are provided by the code list responsible agency defined in data element 3055.			
3055	Code list responsible agency code	C	an..3	X
	Code specifying the agency responsible for a code list.			
7160	Special service description	C	an..35	X
	Free form description of a special service.			
7160	Special service description	C	an..35	X
	Free form description of a special service.			



Group: **MOA** **Segment Group 20: Monetary amount**
Position: 0870
Group: Segment Group 16 (Allowance or charge) Conditional (Optional)
Level: 2
Usage: Mandatory
Max Use: 2
Purpose: A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.

Notes:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	0880	MOA	Monetary amount	M	1	



Segment: **MOA** Monetary amount
Position: 0880 (Trigger Segment)
Group: SG16-SG20
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the monetary amount for the allowance or charge.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify any monetary discounts or charges for the current ALC segment group.

Example:

MOA+64:220.00'

Code 64 indicates that the charge is for Freight and the amount is \$ 220.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT	M	M
		Amount of goods or services stated as a monetary amount in a specified currency.		
	5025	Monetary amount type code qualifier	M an..3	M
		Code qualifying the type of monetary amount.		
		8 Allowance or charge amount		
		[5422] Total amount of allowance or charge.		
		23 Charge amount		
		The amount of money charged for the provision of a service or product.		
		64 Freight charge		
		Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs (UN/ECE Recommendation no 23).		
		106 Packing cost		
		Cost for packing concerning labour and/or material.		
		286 Administration charge		
		Charge made for an administration activity.		
	5004	Monetary amount	C n..35	R
		To specify a monetary amount.		



TAX Segment Group 22: Duty/tax/fee details

Position: 0950
Group: Segment Group 16 (Allowance or charge) Conditional (Optional)
Level: 2
Usage: Optional (Optional)
Max Use: 5
Purpose: A group of segments specifying tax related information for the allowance or charge and, when necessary.
Notes: A group of segments specifying tax related information for the allowance or charge.

Segment Summary						
M	Pos.	Seg.		Req.	Max.	Group:
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
	0960	TAX	Duty/tax/fee details	M	1	
	0970	MOA	Monetary amount	C	1	



Segment: **TAX** Duty/tax/fee details
Position: 0960 (Trigger Segment)
Group: SG16-SG22
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying the tax type, category and rate, or exemption, related to the allowance or charge.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to signify whether the allowances and charges specified in SG16 are subject to tax.

Example:

TAX+7+GST+++:::10.00'

There is GST of 10% payable included in the transport charge

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER Code qualifying the function of a duty or tax or fee. 7 Tax Contribution levied by an authority.	M an..3	M
C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	D
	5153	Duty or tax or fee type name code Code specifying a type of duty, tax or fee. GST Goods and services tax Tax levied on the final consumption of goods and services throughout the production and distribution chain.	C an..3	
	1131	Code list identification code Code identifying a user or association maintained code list. Notes: 1. The codes for this data element are provided by the code list responsible agency defined in data element 3055.	C an..17	X
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	X
	5152	Duty or tax or fee type name Name of a type of duty, tax or fee.	C an..35	X
C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	X
	5289	Duty or tax or fee account code Code specifying a duty or tax or fee account.	M an..6	X
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	X
	3055	Code list responsible agency code Code specifying the agency responsible for a code list.	C an..3	X



5286	DUTY OR TAX OR FEE ASSESSMENT BASIS	C	an..15	X
	VALUE			
	To specify the basis on which a duty or tax or fee will be assessed.			
C243	DUTY/TAX/FEE DETAIL	C		R
	Rate of duty/tax/fee applicable to commodities or of tax applicable to services.			



Segment: **MOA** Monetary amount
Position: 0970
Group: SG16-SG22
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the amount for the allowance or charge.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to indicate tax or duty amount for the tax rate specified in the previous TAX segment.

Example:

MOA+369:20.00'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	M
	5025	Monetary amount type code qualifier Code qualifying the type of monetary amount. 369 Goods and services tax Amount charged as tax on goods and services.	M an..3	M
	5004	Monetary amount To specify a monetary amount.	C n..35	R



Group: **LIN** Segment Group 26: Line item
Position: 1090
Group:
Level: 1
Usage: Mandatory
Max Use: 9999999
Purpose: A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 26 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.
Notes: **Invoice Detail Section**
A group of segments providing details of the individual invoiced items. There must be at least one occurrence of Segment group 26 within an invoice, but not necessarily in a credit note or a debit note.
This Segment group may be repeated to give sub-line details.

Segment Summary						
	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.</u> <u>Use</u>	<u>Group:</u> <u>Repeat</u>
M	1100	LIN	Line item	M	1	
	1150	QTY	Quantity	C	5	
	1250		Segment Group 27: Monetary amount	M		99
	1330		Segment Group 29: Price details	M		25
	1550		Segment Group 34: Duty/tax/fee details	R		99



Segment: **LIN** Line item
Position: 1100 (Trigger Segment)
Group: SG26
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to identify the item/s being invoiced.

The detail section is formed by a repeating group of segments, always starting with a LIN segment.

Example:

LIN+1++:19312825555599:SRV'

LIN+2++19312455656587:SRV'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
1082		LINE ITEM IDENTIFIER To identify a line item.	C an..6	R
		Application generated number of the item lines within the invoice.		
1229		ACTION REQUEST/NOTIFICATION DESCRIPTION CODE Code specifying the action to be taken or already taken.	C an..3	X
C212		ITEM NUMBER IDENTIFICATION Goods identification for a specified source.	C	D
		This composite is only used for the identification of EAN/UPC codes. If another coding structure is required, e.g., HIBC, this composite will not be used and the code will be detailed in the PIA segment.		
	7140	Item identifier To identify an item.	C an..35	R
		Format n..14.		
		GTIN - this is the number of the article being invoiced.		
	7143	Item type identification code Coded identification of an item type.	C an..3	R
		SRV	GS1	Global Trade Item Number



Segment: QTY Quantity
Position: 1150
Group: SG26
Level: 2
Usage: Conditional (Optional)
Max Use: 5
Purpose: A segment identifying the product quantities e.g. invoiced quantity.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify quantities related to the current line item.

Example:
 QTY+47:44'

QTY+47:28'

Dependency Notes:

DE 6411: This DE is only used if the product being invoiced is of variable quantity.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C186		QUANTITY DETAILS Quantity information in a transaction, qualified when relevant.	M	M
	6063	Quantity type code qualifier Code qualifying the type of quantity.	M an..3	M
		The code value '45E' is used at sub-line level to indicate the quantity of sub-line items included in the main line being invoiced.		
		47 Invoiced quantity The quantity as per invoice.		
		59 Number of consumer units in the traded unit Number of units for consumer sales in a unit for trading.		
		GS1 description: The number of consumer units (package size of a product agreed between trading partners as the unit crossing the retail point of sale) in a traded unit to be ordered, delivered and invoiced.		
	6060	Quantity Alphanumeric representation of a quantity.	M an..35	M
	6411	Measurement unit code Code specifying the unit of measurement.	C an..3	D

Notes:

| 1. Recommend use UN/ECE Recommendation 20, Common code.

EA each
 KGM kilogram
 LTR litre

MTR metre

GS1 description:
 Litre (1 dm3)



Group: **MOA** Segment Group 27: Monetary amount
Position: 1250
Group: Segment Group 26 (Line item) Mandatory
Level: 2
Usage: Mandatory
Max Use: 99
Purpose:
Notes: A group of segments specifying any monetary amounts relating to the products and when necessary a currency.

Segment Summary						
	<u>Pos.</u>	<u>Seg.</u>	<u>Name</u>	<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>		<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1260	MOA	Monetary amount	M	1	



Segment: **MOA** Monetary amount
Position: 1260 (Trigger Segment)
Group: SG26-SG27
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to specify monetary amounts related to the current line item.
 Item Amount = (Quantity * Unit Gross Price) + Charges - Allowances
 Item Amount = Quantity * Unit Net Price

Example:

MOA+128:1190.91'

This figure is derived from multiplying the invoiced quantity, 44, by the price \$ 27.20. and excluding GST

MOA+203:1316.60'

This figure is derived from multiplying the invoiced quantity, 44, by the price \$ 27.20. and including GST

MOA+369:119.69'

This figure is derived from multiplying the invoiced quantity, 44, by the price \$ 27.20. by the rate of GST at TAX Segment Data element C243 Component 5278

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	M
	5025	Monetary amount type code qualifier Code qualifying the type of monetary amount.	M an..3	M
		38 Invoice item amount (5068) Total sum charged in respect of a single Invoice item in accordance with the terms of delivery.		
		128 Total amount The amount specified is the total amount.		
		203 Line item amount Goods item total minus allowances plus charges for line item. See also Code 66.		
		210 Credit note amount Amount of a credit note.		
		369 Goods and services tax Amount charged as tax on goods and services.		
	5004	Monetary amount To specify a monetary amount.	C n..35	R



Group: **PRI** Segment Group 29: Price details
Position: 1330
Group: Segment Group 26 (Line item) Mandatory
Level: 2
Usage: Mandatory
Max Use: 25
Purpose:
Notes: A group of segments identifying the relevant pricing information for the goods or services invoiced.

	Segment Summary					
	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1340	PRI	Price details	M	1	



Segment: **PRI** Price details
Position: 1340 (Trigger Segment)
Group: SG26-SG29
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'

Semantic Notes:

Comments:

Notes:

This segment is used to specify price information for the current line item.

Example:

For all the following examples the invoicing currency has already been identified as Australian Dollars

AAA is the code to be used for quoting the cost price excluding taxes

IE is the code to be used for quoting the cost price including taxes

PRI+1E:27.2025'

PRI+1E:217.78'

.

Dependency Notes:

Data elements 5284 and 6411 are used when a product is a variable quantity product, e.g. price per 200 kilos, or when the unit of measure for purchasing, delivery, and invoicing are different for a product, e.g. sugar is not a variable quantity product but ordered and delivered in packs, and invoiced in kilos or tonnes.

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C509		PRICE INFORMATION	C	R
		Identification of price type, price and related details.		
	5125	Price code qualifier	M an..3	M
AAA - The price stated is the net price including all allowances and charges and excluding taxes. Allowances and charges may be stated for information purposes only.				
	1E	Calculation net - Including Taxes		
		The price stated is the net price including all allowances and charges, and including taxes. Allowances and charges may be stated for information purposes only.		
	AAA	Calculation net –Excluding Taxes		
		The price stated is the net price including allowances/ charges. Allowances and charges may be stated for information purposes only.		
	5118	Price amount	C n..15	R
		To specify a price.		
	5375	Price type code	C an..3	X
		Code specifying the type of price.		
	5387	Price specification code	C an..3	X
		Code identifying pricing specification.		



5284	Unit price basis value To specify the basis for a unit price.	C	n..9	D
6411	Measurement unit code Code specifying the unit of measurement.	C	an..3	D

Notes:

1. Recommend use UN/ECE Recommendation 20, Common code.

EA	Each
KGM	Kilogram



Group: **TAX** Segment Group 34: Duty/tax/fee details
Position: 1550
Group: Segment Group 26 (Line item) Mandatory
Level: 2
Usage: Optional (Optional)
Max Use: 99
Purpose: A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.
Notes: A group of segments specifying tax related information for the line item.

Segment Summary						
	<u>Pos.</u>	<u>Seg.</u>		<u>Req.</u>	<u>Max.</u>	<u>Group:</u>
	<u>No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Use</u>	<u>Repeat</u>
M	1560	TAX	Duty/tax/fee details	M	1	



Segment: **TAX** Duty/tax/fee details
Position: 1560 (Trigger Segment)
Group: SG26-SG34
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment specifying a tax type, category and rate, or exemption, relating to the line item.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

This segment is used to specify tax details for the line item being invoiced.

Example:

Where the Standard rate of 10% applies to an item

TAX+7+GST+++:::10.00'

Where tax is not applicable to an item

TAX+7+GST+++:::0.00'

Data Element Summary				
<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
5283		DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER Code qualifying the function of a duty or tax or fee. 7 Tax Contribution levied by an authority.	M an..3	M
C241		DUTY/TAX/FEE TYPE Code and/or name identifying duty, tax or fee.	C	D
	5153	Duty or tax or fee type name code Code specifying a type of duty, tax or fee. GST Goods and services tax Tax levied on the final consumption of goods and services throughout the production and distribution chain.	C an..3	
	1131	Code list identification code Code identifying a user or association maintained code list.	C an..17	
	Notes: 1. The codes for this data element are provided by the code list responsible agency defined in data element 3055. Refer to D.01B Data Element Dictionary for acceptable code values.			
	3055	Code list responsible agency code Code specifying the agency responsible for a code list. Refer to D.01B Data Element Dictionary for acceptable code values.	C an..3	D
	5152	Duty or tax or fee type name Name of a type of duty, tax or fee.	C an..35	
C533		DUTY/TAX/FEE ACCOUNT DETAIL Indication of account reference for duties, taxes and/or fees.	C	X
	5289	Duty or tax or fee account code Code specifying a duty or tax or fee account.	M an..6	X



1131	Code list identification code	C	an..17	X
	Code identifying a user or association maintained code list.			
	Notes:			
	1. The codes for this data element are provided by the code list responsible agency defined in data element 3055.			
3055	Code list responsible agency code	C	an..3	X
	Code specifying the agency responsible for a code list.			
5286	DUTY OR TAX OR FEE ASSESSMENT BASIS VALUE	C	an..15	X
	To specify the basis on which a duty or tax or fee will be assessed.			
C243	DUTY/TAX/FEE DETAIL	C		R
	Rate of duty/tax/fee applicable to commodities or of tax applicable to services.			



Segment: **UNS** Section control
Position: 2170
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A mandatory service segment placed before the first user segment in the summary section to avoid segment collision.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

Invoice Summary Section

This segment is used to identify the break between the message detail and message trailer sections.

Example:

UNS+S'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0081		SECTION IDENTIFICATION	M a1	X
		Separates sections in a message.		



Segment: **CNT** Control total
Position: 2180
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to provide message control information for checking on the message receiver's in-house system.

Example:
 CNT+2:2'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C270		CONTROL	M	M
		Control total for checking integrity of a message or part of a message.		
	6069	Control total type code qualifier	M an..3	M
		Code qualifying the type of control of hash total.		
	6066	Control total value	M n..18	M
		To specify the value of a control quantity.		
	6411	Measurement unit code	C an..3	X
		Code specifying the unit of measurement.		



Group: **MOA** Segment Group 50: Monetary amount
Position: 2190
Group:
Level: 1
Usage: Mandatory
Max Use: 100
Purpose: A group of segments giving total amounts for the whole invoice and - if relevant -detailing amounts paid with relevant references and dates.
Notes:

Segment Summary						
	Pos.	Seg.		Req.	Max.	Group:
	No.	ID	Name	Des.	Use	Repeat
M	2200	MOA	Monetary amount	M	1	



Segment: **MOA** Monetary amount
Position: 2200 (Trigger Segment)
Group: SG50
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is used to detail prepaid amounts, or total monetary values due for the entire invoice.

Example:

MOA+39:2034.44'

The invoice total including all charges and GST is \$ 2034 44

MOA+128:1894.75'

The invoice total including all charges but excluding GST is \$ 1894.75

MOA+369:139.69''

The invoice total GST amount is \$ 139.69

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
C516		MONETARY AMOUNT Amount of goods or services stated as a monetary amount in a specified currency.	M	M
	5025	Monetary amount type code qualifier Code qualifying the type of monetary amount.	M an..3	M
		39 Invoice total amount [5444] Total sum charged in respect of one or more Invoices in accordance with the terms of delivery.		
		77 Invoice amount [5068] Total sum charged in respect of a single Invoice in accordance with the terms of delivery.		
		128 Total amount The amount specified is the total amount.		
		369 Goods and services tax Amount charged as tax on goods and services.		
	5004	Monetary amount To specify a monetary amount.	C n..35	R



Segment: **UNT** Message trailer
Position: 2320
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.

Dependency Notes:

Semantic Notes:

Comments:

Notes:

This segment is a mandatory UN/EDIFACT segment. It must always be the last segment in the message.

Example:

UNT+103+1022'

Data Element Summary

<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
0074		NUMBER OF SEGMENTS IN THE MESSAGE Control count of number of segments in a message.	M n..6	M
		Notes: 1. Control count including UNH and UNT.		
		The total number of segments in the message is detailed here.		
0062		MESSAGE REFERENCE NUMBER Unique message reference assigned by the sender.	M an..14	M
		Notes: 1. Shall be identical in UNH and UNT.		
		The message reference number detailed here should equal the one specified in the UNH segment.		



Segment: **UNZ** Interchange Trailer
Position: 2420
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange

Notes: The UNZ segment marks the end of the interchange

Example:

UNZ+1+1999'

Where 1999 is the Interchange control number referenced from the UNB Segment.

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
0036		INTERCHANGE CONTROL COUNT Total count of UNH/UNT segment loop repeats.	M n..6	M
		DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange		
0020		INTERCHANGE CONTROL REFERENCE Unique reference assigned by the sender to an interchange. Identical to DE 0020 in the UNB Segment	M an..14	M



Worked Example

Invoice (INVOIC) for a Single Delivery to a Single location

FOODSERVICECO placed an EDI Purchase **ORDER** on **Vegetables Australia Ltd.**

Following the Foodservice Industry workgroup EDI Guidelines **Vegetables Australia Ltd** needs to respond with a Purchase Order Response message.

The EDI format for this response is the **EDIAN007** subset of **UN-EDIFACT**, version **D01b**.

On **25/06/2013**, the Vendor, **Vegetables Australia** (EDI Interchange Address **9322222000004**) replied to **FOODSERVICECO's** (EDI Interchange Address **9311111000001**) order.

The requested delivery is to be on the **29/06/2013**.

The Original Order number was **P3399951**.

The Order was raised by **FOODSERVICECO** Head office, identified by GLN 9311111000010,

Delivery is to be to the **FOODSERVICECO** Store 104 identified by GLN 9311111010407. Store 104 has a sub delivery location an Offsite storage warehouse near the store identified by GLN 9311111010419.

The Original Order was for three items, the Vendor has replied as follows in the Response :-

Item 1 GTIN-14 19312825555599.

44 units are ordered with a unit price of \$27.2025 (incl GST).

Item 2 GTIN-14 19312455656587

28 units are ordered with a unit price of \$17.7800 (incl GST)

The total order value is now **\$1694.7500** (incl GST).



Example Document

UNB+UNOC:3+9322222000004:14+93111110000001:14+130705:1032+1999++++1'
UNH+1022+INVOIC:D:01B:UN:EAN010'
BGM+388::TAX INVOICE+432097+9' The Invoice number is 432097
DTM+137:2013705:102' The Invoice issue date is the 5th July 2013
RFF+ON:P3399951' The original FOODSERVICE CO Order number was P3399951
DTM+171:20130624:102' The Original order was sent on the 24th June 2013
RFF+AAK:DES587441' The Despatch Advice number of the delivery was DES587441
DTM+171:20130628:102' The Despatch Advice was sent on the 28th June 2013
NAD+BY+9311111000010::9' The buyer is FOODSERVICECO
NAD+ST+9311111010407::9' The Ship to is FOODSERVICE CO Store 104
NAD+SU+9322222000016::9' The Supplier is Vegetables Australia Ltd
RFF+AMT: ABN97111518777' Vegetables Australia Ltd 's ABN is ABN97111518777
ALC+C' A charge is included in the Invoice
MOA+64:220.00' The charge is for freight at \$ 220.00
TAX+7+GST+++::10.00' The Freight charge includes GST of 10%
MOA+369: 20.00' The GST on the Freight charge is \$ 20.00
LIN+1++19312825555599:SRV' Invoice Line Number 1 is for item number 19312825555599
QTY+47:44' The quantity being invoiced for this item is 44
MOA+128:1190.91' The extended item amount, excluding GST is \$ 1196.91
MOA+203: 1316.60' The extended item amount, including GST is \$ 1316.60
MOA+369:119.69' The extended item GST amount, is \$ 119.69
PRI+1E:27.2025' The Net price is \$27.2025
TAX+7+GST+++::10.00' Indicator that Tax of 10% is payable on this item
LIN+2++19312455656587:SRV' Invoice Line Number 2 is for item number19312455656587
QTY+47:28' The quantity being invoiced for this item is 28
MOA+128:497.84' The extended item amount, excluding GST is \$ 497.84
MOA+203:497.84' The extended item amount, including GST is \$ 497.84
MOA+369:00.00' The extended item GST amount, is \$ 0.00
PRI+1E:17.78' The Net price is \$17.78
TAX+7+GST+++::0.00' Indicator that the item has 0% GST applicable
UNS+S'
CNT+2:2' There are two line items in this invoice
MOA+39:2034.44' The invoice total including all charges and GST is \$ 2034 44
MOA+128:1894.75' The invoice total including all charges but excluding GST is \$ 1894.75
MOA+369:139.69' The invoice total GST amount is \$ 139.69
UNT+35+1022' This message # 1022 has contains a total of 35 segments
UNZ+1+1999' This interchange # 1999 contains 1 message

