



Message Implementation  
Guideline (MIG)

**COSTCO WHOLESALE  
AUSTRALIA P/L**

**INVOIC D.01B**



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## DOCUMENT PROPERTIES

### Copyright

This document is the property of:

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### Change History

Version	Date	Author	Nature of Amendment
0.1	1/06/2011	Steve White	Initial Draft
1.0	10/06/2011	Steve White	Updated to Final Version
1.1	05/07/2011	Steve White	Corrections and update sample invoice
1.2	12/08/2011	Steve White	Updated BGM Segment to include 'TAX INVOICE' value
1.3	26/09/2011	Neha Bachani	Update 'TAX INVOICE' status to optional Update ABN to conditional
			Updates and Corrections:
1.4	27/02/2012	Cian O'Reilly	<ul style="list-style-type: none"> <li>• INVOIC Message Summary</li> <li>• Added Notes at Segment Group and Segment Level, including business usage and formatting</li> <li>• Length of IMD Segment (Item Description)</li> <li>• Correction of Status on a number of segments</li> <li>• Additional of Optional PIA Segment</li> <li>• Additional of PRI Segment.</li> </ul>
2.0	05/02/2013	Cian O'Reilly	New MIG format and various updates.

# INTRODUCTION

## Introduction

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The INVOIC message is used for claiming payment for goods or services supplied under conditions agreed between the Trade Partners and Costco Wholesale Australia Pty Ltd.

## GS1 EANCOM 2002

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The GS1 EANCOM<sup>®</sup> standard is an implementation guideline on the use of subsets of relevant UN/EDIFACT messages. This Message Implementation Guideline (MIG) is based on the EANCOM<sup>®</sup> 2002 Guidelines for the Invoice Message derived from the international UN/EDIFACT directory D.01B.

## About Costco

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Costco Wholesale Corporation operates an international chain of membership warehouses, under the "Costco Wholesale" name, that carry quality, brand name merchandise at substantially lower prices than are typically found at conventional wholesale or retail sources. The warehouses are designed to help small-to-medium-sized businesses reduce costs in purchasing for resale and for everyday business use. Individuals may also purchase for their personal needs.

## About MessageXchange

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This Message Implementation Guide has been created by eVision Pty Ltd on behalf of Costco.

eVision Pty Ltd is a pioneer and world leader of cloud computing for B2B integration solutions. It is a privately held company that has developed world class technologies being used in Australia, Asia, New Zealand, USA and Europe since 1996.

eVision hosts and manages the leading cloud computing B2B integration service, MessageXchange. This service millions of messages each month and connects thousands of organizations of all sizes across industries such as retail, manufacturing, supply chain, transport, finance and travel. It offers a unique suite of supply chain automation, reporting and monitoring services accessed securely via the Internet and manages billions of dollars' worth of transactions annually.

## NOTES

### Indicators

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

(M)andatory data elements in EDIFACT segments retain their status in EANCOM.

Additionally, there are five 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	<b>R</b>	Indicates that the entity is required and must be sent.
DEPENDENT	<b>D</b>	Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note.
OPTIONAL	<b>O</b>	Indicates that the entity is optional and may be sent at the discretion of the user.
NOT USED	<b>X</b>	Indicated that the entity is not used and should be omitted.
ADVISED	<b>A</b>	Recommended to be used.

### Format and picture of data elements

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The following conventions apply in the 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

## Format and picture of actual data

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### Numeric Formats

Z: Single digit which may or may not be present

9: Single digit which will be present

### Example

ZZZ9.99 means that the number will always contain 2 decimal places and at least 1 number preceding the decimal place i.e. from the number is within the following range: 0.00 to 9999.99

## ENVELOPE SEGMENT DEFINITIONS

**Segment:** **UNA** Service String Advice  
**Position:** 0003  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows.

**Dependency Notes:**

**Notes:** Example:  
 UNA:+.? '

### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
M	0010		<b>COMPONENT DATA ELEMENT SEPERATOR</b> Composite element delimiter : Colon	M	1	an1
M	0020		<b>DATA ELEMENT SEPERATOR</b> Identification of the type, version etc. of the message being interchanged. + Plus sign	M	1	an1
M	0030		<b>DECIMAL NOTATION</b> The character transferred in this position shall be ignored by the recipient. Retained to maintain upward compatibility with earlier versions of the syntax. . Full stop / Period	M	1	an1
M	0040		<b>RELEASE INDICATOR</b> Release indicator is used to signify that the following texts contain one of the characters used as composite, data, or segment delimiter, hence release its usage convention for that instance. ? Question mark	M	1	an1
M	0050		<b>RESERVED FOR FUTURE USE</b> Not Used  White space (blank)	M	1	an1
M	0060		<b>SEGMENT TERMINATOR</b> Used to delimit the end of the current segment and start a new segment. ' Apostrophe	M	1	an1

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

**Dependency Notes:**

**Notes:** Example:  
 UNB+UNOB:3+999999999999:14+9343743000533:14+121116:0604+44868913++++1'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
M	S001	<b>SYNTAX IDENTIFIER</b>	M	1	
		Identification of the agency controlling the syntax and indication of syntax level.			
M	0001	<b>Syntax identifier</b>	M	a4	
		Coded identification of the agency controlling a syntax and syntax level used in an interchange.			
		UNOB UN/ECE level B			
M	0002	<b>Syntax version number</b>	M	n1	
		Code identifying a type of message and assigned by its controlling agency.			
		3 Version 3			
M	S002	<b>INTERCHANGE SENDER</b>	M	1	
		Identification of the sender of the interchange.			
M	0004	<b>Sender identification</b>	M	an..35	
		Name or coded representation of the sender of a data interchange.			
		Supplier GLN			
R	0007	<b>Partner identification code qualifier</b>	C	an..4	
		Qualifier referring to the source of codes for the identifiers of interchanging partners.			
		14 EAN International			
		ZZ Mutually Defined			
M	S003	<b>INTERCHANGE RECIPIENT</b>	M	1	
		Identification of the recipient of the interchange.			
M	0004	<b>Recipient identification</b>	M	an..35	
		Name or coded representation of the recipient of a data interchange.			
		Production GLN: 9343743000540			
		Test GLN: 9343743000533			
R	0007	<b>Partner identification code qualifier</b>	C	an..4	
		Qualifier referring to the source of codes for the identifiers of interchanging partners.			
		14 EAN International			
		ZZ Mutually defined			
M	S004	<b>DATE AND TIME OF PREPERATION</b>	M	1	
		Date and time of preparation of the interchange.			
M	0017	<b>Date of preparation</b>	M	n6	
		Local date when an interchange or a functional group was prepared.			
		Date in YYMMDD format			

<b>M</b>	<b>0019</b>	<b>Time of preparation</b> Local time of day when an interchange or a functional group was prepared. Time in 24 hour-clock format	<b>M</b>	<b>1</b>	<b>n4</b>
<b>M</b>	<b>0020</b>	<b>INTERCHANGE CONTROL REFERENCE</b> Unique reference assigned by the sender to an interchange. The value presented here must match with the value presented in DE 0020 in segment UNZ.	<b>M</b>	<b>1</b>	<b>an..14</b>
<b>X</b>	<b>S005</b>	<b>RECIPIENTS REFERENCE PASSWORD</b>	<b>M</b>	<b>1</b>	
<b>X</b>	<b>0026</b>	<b>APPLICATION REFERENCE</b>	<b>M</b>	<b>1</b>	<b>an..14</b>
<b>X</b>	<b>0029</b>	<b>PROCESSING PRIORITY CODE</b>	<b>C</b>	<b>1</b>	<b>a1</b>
<b>R</b>	<b>0031</b>	<b>ACKNOWLEDGEMENT REQUEST</b> Code determined by the sender for acknowledgement of the interchange. 1 Requested	<b>C</b>	<b>1</b>	<b>n1</b>
<b>X</b>	<b>0032</b>	<b>COMMUNICATIONS AGREEMENT ID</b>	<b>C</b>	<b>1</b>	<b>an..35</b>
<b>O</b>	<b>0035</b>	<b>TEST INDICATOR</b> Indication that the interchange is a test. 1 Indicates a Test Interchange	<b>C</b>	<b>1</b>	<b>n1</b>

**Segment:** UNZ Interchange Trailer  
**Position:** 2330  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check for completeness of an interchange.  
**Dependency Notes:**  
**Notes:** Example:  
 UNZ+1+44868913'

#### Data Element Summary

Data		Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	0036		INTERCHANGE CONTROL COUNT	M	1 n..6
			Count either of the number of messages or, if used, of the number of functional groups in an interchange.		
M	0020		INTERCHANGE CONTROL REFERENCE	M	an..14
			Unique reference assigned by the sender to an interchange.		
			The value presented here must match with the value presented in DE 0020 in segment UNB.		

## INVOICE IMPLEMENTATION RULES

This section describes how electronic Invoices (INVOIC document) are to be used in trading electronically with Costco Wholesale Australia Pty Ltd.

### Costco business rules for electronic ordering (Invoices)

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1. COSTCO will be receiving the Invoices from their suppliers.
2. Upon receipt of these invoices, Costco will send back a CONTRL message to confirm receipt of the invoice.
3. If a payment terms discount is applicable it is to be detailed as either a percentage off the invoice or as a specified amount off the invoice in the header of the invoice.
4. If an Allowance is claimed by Costco it should be detailed as either a percentage off the invoice line or a specified amount off the invoice line. This will be detailed in the ALC segment with either a subsequent PCD (Percentage) or MOA (Monetary amount) segment.
5. Commas (,) are not to be used in text fields.
6. Each Costco purchase order can only be invoiced once. All subsequent invoices quoting a previously used purchase order number will be rejected. (Costco does not accept back orders. If a purchase order cannot be fulfilled in its entirety then all outstanding items are to be cancelled. The vendor is encouraged to contact our buying team who will arrange for a new purchase order for the balance of stock if it is still required.)
7. Purchase order numbers are mandatory.
8. Costco product item numbers are mandatory. GTIN/EAN item numbers are optional.

## Invoice Discounts

The following example shows the relationship between Discounts on the Purchase Order and the Invoice. Note that all Item Codes, Prices and Discounts are for illustrative purposes only, and are not intended to reflect real products or parties. Discount and Return Allowances may not be applicable on all Purchase Orders.

### Purchase Order

<b>Payment Terms Description:</b>	14 NET 75 from ROG
<b>Payment Terms Early Discount:</b>	2.00%
<b>DFI/Discount:</b>	5.00%

Item	Qty	Gross Price	Return Allowance	DFI/Discount	Net Price	Line Total
1073667	120	9.470	0.50%	4.00%	8.570	1028.44

<b>Purchase Order Total (excl. GST):</b>	1028.44
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### Invoice

<b>Payment Terms:</b>	14 NET 75 from ROG
<b>Payment Terms Early Discount:</b>	2.00%
<b>Payment Terms Amount:</b>	20.57

Item	Qty	Gross Price	DFI/Discount*	Net Price	Line Total	GST %	GST Amount
1073667	120	9.470	9.5%	8.570	1028.44	10%	102.84

<b>Invoice Total (excl. GST):</b>	1028.44
<b>Total GST</b>	102.84

\* The Invoice DFI/Discount comprises of:

- DFI/Discount (Purchase order header) of 5.00%
- Return Allowance (Purchase order line) of 0.50%
- DFI/Discount (Purchase order line) of 4.00%

## COSTCO – INVOIC MESSAGE (SUMMARY)

This section contains an overview of the content and structure of the Invoice message as an aid to understanding. It should be noted that while this is indicative of the content and structure of an Invoice message, the detailed implementation guideline that forms the majority of the document is the only authoritative source of content and structure. In the event of a discrepancy between the information in this section and the information in the detailed implementation guideline, the detailed implementation guideline should prevail.

### Heading Section

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	0003	UNA	Service String Advice	M	M	1		
	0005	UNB	Interchange Header	M	M	1		
	0010	UNH	Message header	M	M	1		
	0020	BGM	Beginning of message	M	M	1		
	0030	DTM	Date/time/period	M	M	1		
	0120		Segment Group 1: RFF	C	R		1	
	0130	RFF	Reference	M	M	1		
	0220		Segment Group 2: NAD-SG3	C	R		2	
	0230	NAD	Name and address	M	M	1		
	0270		Segment Group 3: RFF	C	D		1	
	0280	RFF	Reference	M	M	1		
	0400		Segment Group 7: CUX	C	R		1	
	0410	CUX	Currencies	M	M	1		
	0430		Segment Group 8: PAT-PCD-MOA	C	D		1	
	0440	PAT	Payment Terms Basis	M	M	1		
	0460	PCD	Percentage Details	C	R	1		
	0470	MOA	Monetary Amount	C	R	1		

## Detail Section

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	1090		Segment Group 26: LIN-PIA-IMD-QTY-MOA-FTX-SG32-SG38	C	R		200000	
	1100	LIN	Line item	M	M	1		
	1110	PIA	Additional product id	C	R	1		
	1130	IMD	Item description	C	R	1		
	1150	QTY	Quantity	C	R	1		
	1250		Segment Group 27: MOA	C	O		1	
	1260	MOA	Monetary amount	M	M	1		
	1330		Segment Group 29: PRI	C	R		2	
	1340	PRI	Price details	M	M	1		
	1550		Segment Group 34: TAX	C	D		1	
	1560	TAX	Duty/Tax/Fee details	M	M	1		
	1570	MOA	Monetary amount	C	R	1		
	1720		Segment Group 39: ALC-SG41-SG42	C	D		1	
	1730	ALC	Allowance or charge	M	M	1		
	1800		Segment Group 41: PCD	C	D		1	
	1810	PCD	Percentage details	M	M	1		
	1830		Segment Group 42: MOA	C	D		1	
	1840	MOA	Monetary amount	M	M	1		

## Section Control

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	2170	UNS	Section control	M	M	1		

## Summary Section

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Group Repeat</u>	<u>Notes and Comments</u>
	2180	CNT	Control total	C	R	1		
	2190		Segment Group 50: MOA	M	M		1	
	2200	MOA	Monetary amount	M	M	1		
	2240		Segment Group 52: TAX	C	D		1	
	2250	TAX	Duty/Tax/Fee details	M	M	1		
	2260	MOA	Monetary amount	C	R	1		
	2320	UNT	Message trailer	M	M	1		
	2330	UNZ	Interchange trailer	M	M	1		

## COSTCO – INVOIC MESSAGE (DETAIL)

**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.

**Dependency Notes:**

**Notes:** Example:  
 UNH+0002+INVOIC:D:01B:UN:EAN010'

### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>		
M	0062		<b>MESSAGE REFERENCE NUMBER</b> Unique message reference assigned by the sender.  Notes: 1. Shall be identical in UNH and UNT. Sequence number refers to the number of UNH segments contained within the Interchange.  Example: If only 1 UNH is present then this count would be 0001 if 2 UNH segments are present then this count would be 0002.  DE 0062 in the UNH will be exactly the same as DE 0062 in UNT.	M	1	an..14
M	S009		<b>MESSAGE IDENTIFIER</b> Identification of the type, version etc. of the message being interchanged.	M	1	
M		0065	<b>Message type</b> Code identifying a type of message and assigned by its controlling agency. INVOIC Invoice message	M		an..6
M		0052	<b>Message version number</b> Version number of a message type. D Draft version/UN/EDIFACT Directory	M		an..3
M		0054	<b>Message release number</b> Release number within the current message type version number (0052). 01B Release 2001 - B	M		an..3
M		0051	<b>Controlling agency</b> Code to identify the agency controlling the specification, maintenance and publication of the message type. UN UN/CEFACT	M		an..2
R		0057	<b>Association assigned code</b> A code assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. EAN010 GS1 version control number (GS1 Code)	C		an..6

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

**Dependency Notes:**

**Notes:** This segment is used to indicate the type and function of a message and to transmit the identifying number.

Example:  
 BGM+388:::TAX INVOICE+1901933059+9'

**Data Element Summary**

<b>Data</b>	<b>Component</b>	<b>Name</b>	<b>Attributes</b>
<u>Element</u>	<u>Element</u>		
<b>R</b>	<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	<b>C 1</b>
		Identification of a type of document/message by code or name. Code preferred	
<b>R</b>	<b>1001</b>	<b>Document name code</b>	<b>C an..3</b>
		Code specifying the document name.	
		388 Tax Invoice	
		Required: To comply with the Australian Tax Office rules.	
<b>X</b>	<b>1131</b>	<b>Code list identification code</b>	<b>C an..17</b>
<b>X</b>	<b>3055</b>	<b>Code list responsible agency code</b>	<b>C an..3</b>
<b>R</b>	<b>1000</b>	<b>Document Name</b>	<b>C an..35</b>
		Name of a document.	
		Required: Literal text value: TAX INVOICE	
<b>R</b>	<b>C106</b>	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>C 1</b>
		Identification of a document/message by its number and eventually its version or revision.	
<b>R</b>	<b>1004</b>	<b>Document identifier</b>	<b>C an..35</b>
		To identify a document.	
		Invoice Number assigned by Trade Partner, which must be unique.	
		Format: an..10	
<b>R</b>	<b>1225</b>	<b>MESSAGE FUNCTION CODE</b>	<b>C 1 an..3</b>
		Code indicating the function of the message.	
		9 Original	
		Initial transmission related to a given transaction.	

**Segment:** **DTM** Date/time/period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date".

The Date/time/period segment within other Segment groups should be used whenever the date/time/period requires to be logically related to another specified data item e.g. Payment due date is specified within the PAT Segment group.

**Dependency Notes:**

**Notes:** This segment is used to specify the date of the Invoice.

Example:

DTM+137:20120830:102'

This example dates the message as the 30th of August 2012.

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
<b>M</b>	<b>C507</b>		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	<b>M 1</b>
<b>M</b>		<b>2005</b>	<b>Date or time or period function code qualifier</b> Code qualifying the function of a date, time or period. 137 Document/message date/time Date when the Invoice is issued.  All new implementations are required to use the code 137. If you have a previous Invoice implementation with Costco using the Code of '3 – Invoice date/time', this may still be used, but you should convert to code 137 as soon as practical.	<b>M an..3</b>
<b>R</b>		<b>2380</b>	<b>Date or time or period value</b> The value of a date, a date and time, a time or of a period in a specified representation.	<b>C an..35</b>
<b>R</b>		<b>2379</b>	<b>Date or time or period format code</b> Code specifying the representation of a date, time or period. 102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day	<b>C an..3</b>

**Group:** **RFF** Segment Group 1: Reference  
**Position:** 0120  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**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:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0130	RFF	Reference	M	1	

**Segment:** **RFF** Reference  
**Position:** 0130 (Trigger Segment)  
**Group:** Segment Group 1 (Reference)      Conditional (Required)  
**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:**

**Notes:**

Example:  
RFF+ON:1901933058'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>M</b>	<b>C506</b>	<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>1</b>	
<b>M</b>	<b>1153</b>	<b>Reference code qualifier</b> Code qualifying a reference. ON                      Order number (purchase) [1022] Reference number assigned by the buyer to an order.	<b>M</b>	<b>an..3</b>	
<b>R</b>	<b>1154</b>	<b>Reference identifier</b> Identifies a reference. Costco Purchase Order Number Format: an..10	<b>C</b>	<b>an..70</b>	

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

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>	<b>Name</b>	<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0230	NAD	Name and address	M	1	
D	0270		Segment Group 3: Reference	C		1

**Segment:** **NAD** Name and address  
**Position:** 0230 (Trigger Segment)  
**Group:** Segment Group 2 (Name and address)      Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice. Identification of the seller and buyer parties is mandatory for the invoice message. It is recommended that where possible only the coded form of the party ID should be specified e.g. The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format

**Dependency Notes:**

**Notes:** This segment is used to identify the trading partners involved in the Invoice process. Identification of the buyer and supplier of goods and services is mandatory using DE's 3035 and C082.

Example:

NAD+BY+9343743000540::9' – Costco GLN

NAD+SU+199::92' – Costco Supplier Number

or

NAD+BY+9343743000540::9' – Costco GLN

NAD+SU+9999999999999::9' – Supplier GLN

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	3035		<b>PARTY FUNCTION CODE QUALIFIER</b> Code giving specific meaning to a party. BY                      Buyer Party to whom merchandise and/or service is sold. Required: Costco GLN as provided on Purchase Order.  All new implementations are required to use the code BY. If you have a previous Invoice implementation with Costco using the Code of 'BT – Party to be billed for other than freight (bill to)', this may still be used, but you should convert to code BY as soon as practical. SU                      Supplier Party who supplies goods and/or services. Required: Costco Supplier Number <u>or</u> Supplier GLN Number.	M      1      an..3
R	C082		<b>PARTY IDENTIFICATION DETAILS</b> Identification of a transaction party by code.	C      1
M		3039	<b>Party identifier</b> Code specifying the identity of a party. Buyer Party: Costco GLN. Supplier Party: Either Costco Supplier Number or Supplier GLN.	M      an..35
X		1131	<b>Code list identification code</b>	C      an..17
R		3055	<b>Code list responsible agency code</b> Code specifying the agency responsible for a code list. 9                              GS1 ( formerly EAN international )	C      an..3

	92	<p>Use this Code if a GLN has been provided as the Party identifier.</p> <p>Assigned by buyer or buyer's agent Codes assigned by a buyer or buyer's agent.</p> <p>Use this Code only if the Costco Supplier Number has been provided as the Party Identifier.</p>
--	----	---

**Group:** **RFF** Segment Group 3: Reference  
**Position:** 0270  
**Group:** Segment Group 2 (Name and address) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segment for giving references only relevant to the specified party rather than the whole invoice.

**Notes:** If you are registered for GST in Australia, you are required to provide this Segment Group, and only for the Supplier.

If you are not registered for GST in Australia, you should omit this Segment Group.

### Segment Summary

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

**Segment:** **RFF** Reference  
**Position:** 0280 (Trigger Segment)  
**Group:** Segment Group 2 (Reference) Conditional (Required)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the reference by its number and, where appropriate, a line number within a document.

**Dependency Notes:**

**Notes:** This segment is only used by Suppliers who are registered for GST in Australia.  
 This segment is only used with NAD DE 3035 = SU, to provide the Supplier ABN.  
 Example:  
 RFF+AMT:1234567890'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>M</b>	<b>C506</b>	<b>REFERENCE</b> Identification of a reference.	<b>M</b>	<b>1</b>	
<b>M</b>	<b>1153</b>	<b>Reference code qualifier</b> Code qualifying a reference.	<b>M</b>	<b>an..3</b>	
		<b>AMT</b> Goods and Services Tax identification number			
<b>R</b>	<b>1154</b>	<b>Reference identifier</b> Identifies a reference.	<b>C</b>	<b>an..70</b>	
		Supplier Australian Business Number (ABN)			

**Group:** **CUX** Segment Group 7: Currencies  
**Position:** 0400  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A group of segments specifying the currencies and related dates/periods valid for the whole invoice. Currency data maybe omitted in national applications but will be required for international transactions.  
**Notes:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	0410	CUX	Currencies	M	1	

**Segment:** **CUX** Contact information  
**Position:** 0410 (Trigger Segment)  
**Group:** Segment Group 7 (Currencies) Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the currencies required in the invoice e.g. the invoice currency. A rate of exchange may be given to convert a reference currency into a target currency.

**Dependency Notes:**

**Notes:**

Example:  
CUX+2:AUD:4'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>R</b>	<b>C504</b>	<b>CURRENCY DETAILS</b> The usage to which a currency relates.	<b>C</b>	<b>1</b>	
<b>M</b>	<b>6347</b>	<b>Currency usage code qualifier</b> Code qualifying the usage of a currency. 2 Reference currency The currency applicable to amounts stated. It may have to be converted	<b>M</b>	<b>an..3</b>	
<b>R</b>	<b>6345</b>	<b>Currency identification code</b> Code specifying a monetary unit. Format: ISO 4217	<b>C</b>	<b>an..3</b>	
<b>R</b>	<b>6343</b>	<b>Currency type code qualifier</b> Code qualifying the type of currency. 4 Invoicing Currency The name or symbol of the monetary unit used for calculation in an invoice.	<b>C</b>	<b>an..3</b>	

**Group:** **PAT** Segment Group 8: Payment Terms Basis  
**Position:** 0430  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segments specifying the terms of payment applicable for the whole invoice.

**Notes:** If there is a Discount associated with the Payment Terms on the Invoice, the PAT Segment and both the PCD and the MOA segment should be included in the message.

Example:  
 PAT+1+ZZZ:::14 NET 75'  
 PCD+12:2.0000'  
 MOA+21:20.57'

#### Segment Summary

	<b>Pos. No.</b>	<b>Seg. ID</b>	<b>Name</b>	<b>Req. Des.</b>	<b>Max. Use</b>	<b>Group: Repeat</b>
M	0440	PAT	Payment terms basis	M	1	
R	0460	PCD	Percentage details	C	1	
R	0470	MOA	Monetary amount	C	1	

**Segment:** **PAT** Payment Terms Basis  
**Position:** 0440 (Trigger Segment)  
**Group:** Segment Group 8 (Payment Terms Basis) Conditional (Dependent)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the payment terms and date/time basis.  
**Dependency Notes:**  
**Notes:** Example:  
 PAT+1+ZZZ:::14 NET 75'

#### Data Element Summary

Data		Component			
	<u>Element</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	4279		<b>PAYMENT TERMS TYPE CODE QUALIFIER</b> Code qualifying the type of payment terms. 1 Basic Payment Terms which are agreed to apply to this Invoice, as previously advised by Costco.	M	1 an..3
R	C110		<b>PAYMENT TERMS</b> Terms of payment code from a specified source.	C	1
M		4277	<b>Payment terms description identifier</b> Identification of the terms of payment between the parties to a transaction (generic term). ZZZ Mutually defined (GS1 Code) A code identifying mutually defined payment terms.	M	an..17
X		1131	<b>Code list identification code</b>	C	an..17
X		3055	<b>Code list responsible agency code</b>	C	an..3
R		4276	<b>Payment terms description</b> Free form description of the conditions of payment between the parties to a transaction.	C	an..35

**Segment:** **PCD** Percentage Details  
**Position:** 0460  
**Group:** Segment Group 8 (Payment Terms Basis) Conditional (Dependent)  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment specifying the discount, interest, penalty as well as instalment percentage.

**Dependency Notes:**

**Notes:** This segment is used to specify the discount associated with early payment of the invoice.

Example:  
PCD+12:2.0000'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>M</b>	<b>C510</b>	<b>PERCENTAGE DETAILS</b> Percentage relating to a specified basis.	<b>M</b>	<b>1</b>	
<b>M</b>	<b>5245</b>	<b>Percentage type code qualifier</b> Code qualifying the type of percentage. 12 Discount Discount expressed as a percentage.	<b>M</b>	<b>an..3</b>	
<b>R</b>	<b>5482</b>	<b>Percentage</b> To specify a percentage. Format : Numeric ( <i>ZZ9.ZZZZ</i> ) Minimum Length: 1 Maximum Length: 8	<b>C</b>	<b>n..10</b>	

**Segment:** **MOA** Monetary amount  
**Position:** 0470  
**Group:** Segment Group 8 (Payment Terms Basis) Conditional (Dependent)  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment specifying amounts related to payment discount penalties or instalments.  
**Dependency Notes:**

**Notes:** This segment is used to indicate the total discount associated with early payment of the invoice.

Example:

MOA+21:20.57'

#### Data Element Summary

Data		Component			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	C516	<b>MONETARY AMOUNT</b>	M	1	
		Amount of goods or services stated as a monetary amount in a specified currency.			
M	5025	<b>Monetary amount type code qualifier</b>	M	an..3	
		Code qualifying the type of monetary amount.			
		21 Cash Discount			
		Cash discount given by the seller to the buyer.			
		All new implementations are required to use the code 21. If you have a previous Invoice implementation with Costco using the Code of '109 – Payment Discount Amount', this may still be used (with the understanding that it implies the Cash Discount Amount), but you should convert to code 21 as soon as practical.			
R	5004	<b>Monetary amount</b>	C	n..35	
		To specify a monetary amount.			
		Format: Numeric (ZZZZZZ9.99)			
		Minimum length: 4			
		Maximum length: 10			

**Group:** **LIN** Segment Group 26: Line item  
**Position:** 1090  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Required)  
**Max Use:** 200000  
**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:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	1100	LIN	Line item	M	1	
R	1110	PIA	Additional product id	C	1	
R	1130	IMD	Item description	C	1	
R	1150	QTY	Quantity	C	1	
R	1250		Segment Group 27: Monetary Amount	C		1
R	1330		Segment Group 29: Price Details	C		2
D	1550		Segment Group 34: Duty/Tax/Fee Details	1		1
D	1720		Segment Group 39: Allowance or Charges	C		1

**Segment:** **LIN** Line item  
**Position:** 1100 (Trigger Segment)  
**Group:** Segment Group 26 (Line item)      Conditional (Required)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.

**Dependency Notes:**

**Notes:** This segment is used to identify the item being ordered.  
 LIN+1+++9311183050319:SRV'  
 or  
 LIN+1'

**Data Element Summary**

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>	
R	1082		<b>LINE ITEM IDENTIFIER</b> To identify a line item.	C	1 an..6
X	1229		<b>ACTION REQUEST/NOTIFICATION DESCRIPTION CODE</b>	C	1 an..3
O	C212		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	C	1
R		7140	<b>Item identifier</b> To identify an item. Format: n..14	C	an..35
R		7143	<b>Item type identification code</b> Coded identification of an item type. SRV                      EAN.UCC Global Trade Item Number	C	an..3

**Segment:** **PIA** Additional product id  
**Position:** 1110  
**Group:** Segment Group 26 (Line item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.

**Dependency Notes:**

**Notes:**

This segment is used to specify the buyer's item number. Costco's preference is to use the 'IN' item type identification code to identify the Costco Item Number, but the 'BP' item type identification code will also be accepted.

Examples:

PIA+1+1073667:IN'

In this example the PIA segment is used to provide the Costco Item number for the trade item number provided in the LIN segment. The GTIN 9311183050319 provided in the LIN segment refers to the Costco Item number 1073667.

PIA+5+1073667:IN'

In this example the PIA segment is used to provide the Costco Item number and no GTIN has been provided in the LIN segment.

**Data Element Summary**

<b>Data</b>		<b>Component</b>				
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>			
<b>M</b>	<b>4347</b>	<b>PRODUCT IDENTIFIER CODE QUALIFIER</b> Code qualifying the product identifier.	<b>M</b>	<b>1</b>	<b>an..3</b>	
		1 Additional identification This code should only be used when a GTIN Item Identifier has been provided in the LIN segment DE C212.				
		5 Product identification This code should only be used when no Item Identifier has been provided in the LIN segment DE C212.				
<b>M</b>	<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	<b>M</b>	<b>1</b>		
<b>R</b>	<b>7140</b>	<b>Item identifier</b> To identify an item.	<b>C</b>		<b>an..35</b>	
<b>R</b>	<b>7143</b>	<b>Item type identification code</b> Coded identification of an item type.	<b>C</b>		<b>an..3</b>	
		IN Buyer's item number Required: Costco Item Number Format: an..7				
		BP Buyer's part number Required: Costco Item Number Format: an..7				

**Segment:** **IMD** Item description  
**Position:** 1130  
**Group:** Segment Group 26 (Line item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment for describing the product or service being ordered as well as product characteristic. This segment should be used for products or services that cannot be fully identified by a product code or article number.

**Dependency Notes:**

**Notes:** Example:  
 IMD+F++:::SPRAY DOUBLE HEAD SHOWER'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>R</b>	<b>7077</b>	<b>DESCRIPTION FORMAT CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>
		Code specifying the format of a description.			
		F Free-form			
		Description of an item in free form text.			
<b>X</b>	<b>C272</b>	<b>ITEM CHARACTERISTIC</b>	<b>C</b>	<b>1</b>	
<b>R</b>	<b>C273</b>	<b>ITEM DESCRIPTION</b>	<b>C</b>	<b>1</b>	
<b>X</b>		<b>7009</b> Item description code	<b>C</b>		<b>an..17</b>
<b>X</b>		<b>1131</b> Code list identification code	<b>C</b>		<b>an..17</b>
<b>X</b>		<b>3055</b> Code list responsible agency code	<b>C</b>		<b>an..3</b>
<b>R</b>		<b>7008</b> Item description	<b>C</b>		<b>an..256</b>
		Free form description of an item.			
		Format: an..25			
		Item Description			

**Segment:** **QTY** Quantity  
**Position:** 1150  
**Group:** Segment Group 26 (Line item)      Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment identifying the product quantities e.g. invoiced quantity.  
**Dependency Notes:**

**Notes:** This segment is used to specify the total quantity invoiced for the current line identified in the LIN segment.

The Unit of Measure related to the Quantity is to be the same as sent on the Purchase Order and thus is not required to be sent on the Invoice.

Example:  
QTY+47:120'

#### Data Element Summary

Data		Component			
<u>Element</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
M	C186	<b>QUANTITY DETAILS</b> Quantity information in a transaction, qualified when relevant.	M	1	
M	6063	<b>Quantity type code qualifier</b> Code qualifying the type of quantity. 47                      Invoiced quantity The quantity as per Invoice. All new implementations are required to use the code 47. If you have a previous Invoice implementation with Costco using the Code of '21 – Ordered Quantity', this may still be used, but you should convert to code 47 as soon as practical.	M	an..3	
M	6060	<b>Quantity</b> Alphanumeric representation of a quantity. Ordered Quantity Format: Numeric (ZZZZZZ9.ZZ) Minimum length: 1 Maximum length: 10	M	an..35	

**Group:** **MOA** Segment Group 27: Monetary amount  
**Position:** 1250  
**Group:** Segment Group 26 (Line item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments specifying any monetary amounts relating to the products and when necessary a currency.  
**Notes:**

**Segment Summary**

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

**Segment:** **MOA** Monetary amount  
**Position:** 1260  
**Group:** Segment Group 27 (Monetary amount) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying any monetary amounts relating to the product, e.g. item amount, insurance value, customs value.

**Dependency Notes:**

**Notes:** Line Item Amount = Quantity \* Unit Net Price, i.e.  
 Line Item Amount = (Quantity \* Unit Gross Price) - Allowances  
  
 Example:  
 MOA+203:1028.44'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
<b>M</b>	<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>1</b>	
		Amount of goods or services stated as a monetary amount in a specified currency.			
<b>M</b>	<b>5025</b>	<b>Monetary amount type code qualifier</b>	<b>M</b>	<b>an..3</b>	
		Code qualifying the type of monetary amount.			
		203 Line item amount			
		Total line item amount			
		- Includes discounts			
		- Excludes GST			
<b>R</b>	<b>5004</b>	<b>Monetary amount</b>	<b>C</b>	<b>n..35</b>	
		To specify a monetary amount.			
		Format: Numeric (ZZZZZZZZ9.99)			
		Minimum length: 4			
		Maximum length: 12			

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

**Segment Summary**

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

**Segment:** **PRI** Price details  
**Position:** 1340 (Trigger Segment)  
**Group:** Segment Group 29 (Price details)      Conditional (Required)  
**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'.

**Dependency Notes:**

**Notes:** This segment is used to detail the price for the current product identified in the LIN segment.

Example:  
 PRI+AAA:8.570'  
 PRI+AAB:9.470'

**Data Element Summary**

<b>Data</b>	<b>Component</b>	<b>Name</b>	<b>Attributes</b>
<u>Element</u>	<u>Element</u>		
<b>R</b>	<b>C509</b>	<b>PRICE INFORMATION</b> Identification of price type, price and related details.	<b>C 1</b>
<b>M</b>	<b>5125</b>	<b>Price code qualifier</b> Code qualifying a price.	<b>M an..3</b>
		AAA      Calculation net Net unit price - Includes all line item discounts - Excludes payment terms discount - Excludes GST	
		AAB      Calculation gross Gross unit price - Excludes all line item discounts - Excludes payment terms discount - Excludes GST	
<b>R</b>	<b>5118</b>	<b>Price amount</b> To specify a price. Format: Numeric (ZZZZ9.99ZZ) Minimum length: 4 Maximum length: 10	<b>C n..15</b>

**Group:** **TAX** Segment Group 34: Duty/Tax/Fee Details  
**Position:** 1550  
**Group:** Segment Group 26 (Line Item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segments specifying tax related information for the line item, and when necessary, the location(s) to which that tax information relates.  
**Notes:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	1560	TAX	Duty/Tax/Fee Details	M	1	
R	1570	MOA	Monetary Amount	C	1	

**Segment:** **TAX** Duty/Tax/Fee Details  
**Position:** 1560 (Trigger Segment)  
**Group:** Segment Group 34 (Duty/Tax/Fee Details) Conditional (Dependent)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment specifying a tax type, category and rate, or exemption, relating to the line item  
**Dependency Notes:**  
**Notes:** This segment is used to detail the price for the current product identified in the LIN segment.  
 Example:  
 TAX+7+GST+++:::10.00'

#### Data Element Summary

	<u>Data Element</u>	<u>Component Element</u>	<u>Name</u>	<u>Attributes</u>
M	5283		<b>DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER</b> Code qualifying the function of a duty or tax or fee. 7 Tax	M 1 an..3
R	C241		<b>DUTY/TAX/FEE TYPE</b> Code and/or name identifying duty, tax or fee.	C 1
R		5153	<b>Duty or tax or fee type name code</b> Code specifying a type of duty, tax or fee. GST Goods and services tax	C an..3
X	C533		<b>DUTY/TAX/FEE ACCOUNT DETAIL</b>	C 1
X	5286		<b>DUTY OR TAX OR FEE ASSESSMENT BASIS</b>	C 1 an..15
R	C243		<b>DUTY/TAX/FEE DETAIL</b> Rate of duty/tax/fee applicable to commodities or of tax applicable to services.	C 1
X		5279	<b>Duty or tax or fee rate code</b>	C an..7
X		1131	<b>Code list identification code</b>	C an..17
X		3055	<b>Cost list responsible agency code</b>	C an..3
R		5278	<b>Duty or tax or fee rate</b> Rate of a duty or tax or fee. Format: Numeric (Z9.ZZ) Minimum length: 1 Maximum length: 5	C an..17

**Segment:** **MOA** Monetary amount  
**Position:** 1570  
**Group:** Segment Group 34 (Duty/Tax/Fee Details) Conditional (Dependent)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment specifying the amount for the identified tax/fee.  
**Dependency Notes:**  
**Notes:** Example:  
 MOA+124:102.84'

#### Data Element Summary

Data		Component			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	C516	MONETARY AMOUNT	M	1	
		Amount of goods or services stated as a monetary amount in a specified currency.			
M	5025	Monetary amount type code qualifier	M	an..3	
		Code qualifying the type of monetary amount.			
		124 Tax amount			
		Code used to specify the Total Tax applicable to the Line.			
R	5004	Monetary amount	C	n..35	
		To specify a monetary amount.			
		Format: Numeric (ZZZZZZZZ9.99)			
		Minimum length: 4			
		Maximum length: 12			

**Group:** **ALC** Segment Group 39: Allowance or Charge  
**Position:** 1720  
**Group:**  
**Level:** 2  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

**Notes:** If Discounts (other than those related to Payment Terms) are applicable on the Invoice, Segment Group 39 is required.

In addition to the ALC Segment, either the associated Segment Group 41 or Segment Group 42 should be provided. It is Costco's preference to receive Segment Group 41 over Segment Group 42. You are not required to provide both Segment Group 41 and Segment Group 42.

#### Segment Summary

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	1730	ALC	Allowance or Charge	M	1	
D	1800		Segment Group 41: Percentage	C		1
D	1830		Segment Group 42: Monetary Amount	C		1

**Segment:** **ALC** Allowance or Charge  
**Position:** 1730  
**Group:** Segment Group 39 (Allowance or Charge)      Conditional (Dependent)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the charge or allowance and, where necessary, its calculation sequence.

**Dependency Notes:**

**Notes:** Example:  
 ALC+A'

**Data Element Summary**

<b>Data</b>		<b>Component</b>				
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>			
M	5463	ALLOWANCE OR CHARGE CODE QUALIFIER	M	1	an..3	
		Code qualifying an allowance or charge.				
		A Allowance				

**Group:** **PCD** Segment Group 41: Percentage Details  
**Position:** 1800  
**Group:** Segment Group 39 (Allowance or Charge) Conditional (Dependent)  
**Level:** 3  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** 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 Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	1810	PCD	Percentage Details	M	1	

**Segment:** **PCD** Percentage Details  
**Position:** 1810  
**Group:** Segment Group 41 (Percentage Details) Conditional (Dependent)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the percentage and the percentage basis for the calculation of the allowance or charge.

**Dependency Notes:** If there is a Line Allowance (ALC) specified, either the Percentage Details (PCD) segment or the Monetary Amount (MOA) segment is required.

**Notes:**

Example:  
PCD+12:9.50'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>M</b>	<b>C510</b>	<b>PERCENTAGE DETAILS</b> Percentage relating to a specified basis.	<b>M</b>	<b>1</b>	
<b>M</b>	<b>5245</b>	<b>Percentage type code qualifier</b> Code qualifying the type of percentage. 12 Discount Discount expressed as a percentage.	<b>M</b>	<b>an..3</b>	
<b>R</b>	<b>5482</b>	<b>Percentage</b> To specify a percentage. Format : Numeric (ZZ9.ZZ) Minimum Length: 1 Maximum Length: 6	<b>C</b>	<b>n..10</b>	

**Group:** **MOA** Segment Group 42: Monetary Amount  
**Position:** 1830  
**Group:** Segment Group 39 (Allowance or Charge) Conditional (Dependent)  
**Level:** 3  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified, e.g. an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.  
**Notes:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b><u>No.</u></b>	<b><u>ID</u></b>	<b><u>Name</u></b>	<b><u>Des.</u></b>	<b><u>Use</u></b>	<b><u>Repeat</u></b>
M	1840	MOA	Monetary Amount	M	1	

**Segment:** **MOA** Monetary amount  
**Position:** 1840  
**Group:** Segment Group 42 (Monetary Amount) Conditional (Dependent)  
**Level:** 3  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the monetary amount for the allowance or charge.

**Dependency Notes:** If there is a Line Allowance (ALC) specified, either the Percentage Details (PCD) segment or the Monetary Amount (MOA) segment is required.

**Notes:** Example:  
 MOA+204:107.96'

#### Data Element Summary

Data		Component		Attributes	
<u>Element</u>	<u>Element</u>	<u>Name</u>			
M	C516	<b>MONETARY AMOUNT</b>		M	1
		Amount of goods or services stated as a monetary amount in a specified currency.			
M	5025	<b>Monetary amount type code qualifier</b>		M	an..3
		Code qualifying the type of monetary amount.			
		204	Allowance amount		
			The amount of an allowance.		
R	5004	<b>Monetary amount</b>		C	n..35
		To specify a monetary amount.			
		Format: Numeric (ZZ9.99)			
		Minimum length: 4			
		Maximum length: 6			

**Segment:** **UNS** Section control  
**Position:** 2170  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A service segment placed at the start of the summary section to avoid segment collision.  
**Dependency Notes:**

**Notes:** Invoice Summary Section  
 This segment is used to separate the detail and summary sections of the message.  
  
 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	M
	S	Detail/summary section separation		

**Segment:** **CNT** Control total  
**Position:** 2180  
**Group:**  
**Level:** 0  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment by which control totals may be provided by the sender for checking by the receiver.

**Dependency Notes:**

**Notes:** This segment is used to provide message control totals.

Example:

CNT+2:1'

There is one LIN segments in the current message.

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	C270	<b>CONTROL</b>	M	<b>1</b>	
		Amount of goods or services stated as a monetary amount in a specified currency.			
M	6069	<b>Control total type code qualifier</b>	M	<b>an..3</b>	
		Code qualifying the type of control of hash total.			
		2		Number of line items in message	
				The total number of LIN segments in a message	
M	6066	<b>Control total value</b>	M	<b>n..18</b>	
		To specify the value of a control quantity.			
		Format: Numeric (ZZZ9)			

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

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	2200	MOA	Monetary Amount	M	1	

**Segment:** **MOA** Monetary amount  
**Position:** 2200 (Trigger Segment)  
**Group:** Segment Group 50 (Monetary Amount) Mandatory  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment giving the total amounts for the whole invoice message such as message monetary amount, message line item total amount, amount subject to payment discount, amount subject to tax, alternative currency total amount, total additional amount, sub-total amounts prepaid, total amount prepaid.

**Dependency Notes:**

**Notes:** This segment is used to indicate total amounts for the invoice.

Example:  
MOA+86:1028.44'

**Data Element Summary**

	<b>Data</b>	<b>Component</b>		
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>M</b>	<b>C516</b>		<b>MONETARY AMOUNT</b> Amount of goods or services stated as a monetary amount in a specified currency.	<b>M 1</b>
<b>M</b>		<b>5025</b>	<b>Monetary amount type code qualifier</b> Code qualifying the type of monetary amount. 86 Message total monetary amount Total amount of the invoice - Excludes payment terms discount - Excludes GST	<b>M an..3</b>
<b>R</b>		<b>5004</b>	<b>Monetary amount</b> To specify a monetary amount. Format: Numeric (ZZZZZZZZ9.ZZ) Minimum length: 1 Maximum length: 12	<b>C n..35</b>

**Group:** **TAX** Segment Group 52: Duty/Tax/Fee Details  
**Position:** 2240  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Dependent)  
**Max Use:** 1  
**Purpose:** A group of segments specifying taxes totals for the invoice..  
**Notes:**

**Segment Summary**

	<b>Pos.</b>	<b>Seg.</b>		<b>Req.</b>	<b>Max.</b>	<b>Group:</b>
	<b>No.</b>	<b>ID</b>	<b>Name</b>	<b>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	2250	TAX	Duty/Tax/Fee Details	M	1	
R	2260	MOA	Monetary Amount	C	1	



**Segment:** **MOA** Monetary amount  
**Position:** 2260  
**Group:** Segment Group 52 (Duty/Tax/Fee Details) Conditional (Dependent)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** This segment is used to specify the tax amounts due, for the tax rate specified in the TAX segment, covering the whole invoice.

**Dependency Notes:**

**Notes:**

Example:  
MOA+124:102.84'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
<b>M</b>	<b>C516</b>	<b>MONETARY AMOUNT</b>	<b>M</b>	<b>1</b>	
		Amount of goods or services stated as a monetary amount in a specified currency.			
<b>M</b>	<b>5025</b>	<b>Monetary amount type code qualifier</b>	<b>M</b>	<b>an..3</b>	
		Code qualifying the type of monetary amount.			
		124 Tax amount			
		Code used to specify the Total Tax applicable to the Invoice.			
<b>R</b>	<b>5004</b>	<b>Monetary amount</b>	<b>C</b>	<b>n..35</b>	
		To specify a monetary amount.			
		Format: Numeric (ZZZZZZZZ9.99)			
		Minimum length: 4			
		Maximum length: 12			

**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:**

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

Example:  
UNT+28+0001'

**Data Element Summary**

<b>Data</b>		<b>Component</b>				
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>			
<b>M</b>	<b>0074</b>	<b>NUMBER OF SEGMENTS IN THE MESSAGE</b>	<b>M</b>	<b>1</b>	<b>n..6</b>	
The total number of segments in the message is detailed here.						
<b>M</b>	<b>0062</b>	<b>MESSAGE REFERENCE NUMBER</b>	<b>M</b>	<b>an..14</b>		
The message reference number detailed here should equal the one specified in the UNH segment.						

## SAMPLE MESSAGE

Any GTINs or GLNs in this example are for illustrative purposes only, and are not intended to reflect real products or parties. In the event of a discrepancy between the information in this section and the information in the detailed implementation guideline, the detailed implementation guideline should prevail.

### Invoice - Store Delivery

Message data	Explanation
UNA:+.? ' UNB+UNOB:3+999999999999:14+9343743000533:14+121116:06 04+44868913++++1'  UNH+0001+INVOIC:D:01B:UN:EAN010' BGM+388:::TAX INVOICE+1901933059+9' DTM+137:20120830:102' RFF+ON:1901933058' NAD+BY+9343743000540::9' NAD+SU+199::92' RFF+AMT:1234567890' CUX+2:AUD:4' PAT+1+ZZZ:::14 NET 75' PCD+12:2.0000' MOA+21:20.57'	Message transmitted from GLN 999999999999 to GLN 9343743000533 on the 16 <sup>th</sup> of November 2012 at 06:40. The Interchange Control Reference is 44868913. A Response is requested. Message header with reference number 0001 Invoice, number 1901933059 Message sent 30 <sup>th</sup> August 2012 Original Purchase Order Number 1901933058 Buyer Code is 9343743000540 Supplier Code is 199 Supplier ABN Number is 1234567890 Currency is Australian Dollars Basic Payment Terms Payment Terms Discount Percentage of 2% Payment Terms Discount Amount of \$20.57
LIN+1++9311183050319:SRV' PIA+1+1073667:IN' IMD+F+++:::SPRAY DOUBLE HEAD SHOWER' QTY+47:120.' MOA+203:1028.44' PRI+AAA:8.570' PRI+AAB:9.470' TAX+7+GST+++:::10.00' MOA+124:102.84' ALC+A' PCD+12:9.50'	First line item GTIN 9311183050319 Buyer's item number of 1073667 Free form description Order Quantity is 120 Total Line Value is \$1028.442 Net Price is \$8.570 per Unit Gross Price is \$9.470 per Unit GST Rate of 10% GST Amount of \$102.84 Allowance Total Discount of 9.5% Discount applicable to this Line.
UNS+S' CNT+2:1' MOA+86:1028.44' TAX+7+GST' MOA+124:102.84' UNT+28+0001' UNZ+1+44868913'	2 line items in this order Total value of this order is \$1028.44, excluding GST. 2 line items in this order Total GST for the Invoice is \$102.84 28 segments and reference number 0001 The Interchange Control Reference is 44868913.

## TRANSMISSION

The transmission type defines the protocol or method used to receive or send the message. The [messagexchange.com](http://messagexchange.com) provides number of types of transmission. Please arrange your preferred type of transmission with the MessageXchange Support & Activation team.

## CONTACT DETAILS

### eVision - MessageXchange

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### Costco

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