



Message Implementation  
Guideline (MIG)

**COSTCO WHOLESALE  
AUSTRALIA P/L**

**ORDERS D.01B**



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## DOCUMENT PROPERTIES

### Copyright

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This document is the property of:

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### Change History

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Version	Date	Author	Nature of Amendment
1.0	1/06/2011	Steve White	Initial Draft
1.1	28/06/2011	Steve White	Updated Ship To example
1.2	16/11/2012	Cian O'Reilly	Updated Format, including Segments and the provision of additional clarification.
1.3	19/02/2013	Cian O'Reilly	Updated Costco Contact Details

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# INTRODUCTION

## Introduction

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The ORDERS message specifies details for goods or services under conditions agreed between the Trade Partners and Costco Wholesale Australia Pty Ltd.

The ORDRSP is a message from the Trade Partner to Costco Wholesale Australia Pty Ltd, responding to a purchase order.

## 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. . Fill 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+9343743000533:ZZ+TRADEPARTNER:ZZ+120630:1730+10++++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.			
		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.			
		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.			
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			
M	0019	<b>Time of preparation</b>	M	n4	
		Local time of day when an interchange or a functional group was prepared.			
		Time in 24 hour-clock format			



<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:** 2420  
**Group:**  
**Level:** 0  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To end and check for completeness of an interchange.  
**Dependency Notes:**  
**Notes:** Example:  
 UNZ+1+10'

#### 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.		

## PURCHASE ORDER IMPLEMENTATION RULES

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

### **Costco business rules for electronic ordering (Purchase Orders)**

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1. COSTCO will be sending the Purchase orders to their suppliers.
2. Upon receipt of these orders, suppliers are required to send back a CONTRL message.

## COSTCO – ORDERS MESSAGE (SUMMARY)

This section contains an overview of the content and structure of the Purchase Order message as an aid to understanding. It should be noted that while this is indicative of the content and structure of a Purchase Order 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	5		
	0070	FTX	Free text	C	O	2		
	0120		Segment Group 2: NAD-SG5	C	R		3	
	0130	NAD	Name and address	M	M	1		
	0220		Segment Group 5: CTA-COM	C	O		1	
	0230	CTA	Contact information	M	M	1		
	0240	COM	Communication Contact	C	O			
	0280		Segment Group 7: CUX	C	O		1	
	0290	CUX	Currencies	M	M	1		
	0330		Segment Group 8: PAT-PCD	C	O		1	
	0340	PAT	Payment Terms Basis	M	M			
	0360	PCD	Percentage Details	C	R			
	0460		Segment Group 12:TOD-LOC	C	O		1	
	0470	TOD	Terms of delivery or transport	M	M			
	0480	LOC	Place/location identification	C	O			
	0730		Segment Group 19: ALC-SG21	C	O		1	
	0740	ALC	Allowance or charge	M	M	1		
	0800		Segment Group 21: PCD	C	R		1	
	0810	PCD	Percentage details	M	M	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>
	1030		Segment Group 28: LIN-PIA-IMD-QTY-MOA-FTX-SG32-SG38	C	R		200000	
	1040	LIN	Line item	M	M	1		
	1050	PIA	Additional product id	C	R	2		
	1060	IMD	Item description	C	R	1		
	1080	QTY	Quantity	C	R	1		
	1120	MOA	Monetary amount	C	R	1		
	1200	FTX	Free text	C	O	2		
	1320		Segment Group 32: PRI	C	R		2	
	1330	PRI	Price details	M	M	1		
	1780		Segment Group 19: ALC-SG21	C	O		2	
	1790	ALC	Allowance or charge	M	M	1		
	1850		Segment Group 21: PCD	C	R		1	
	1860	PCD	Percentage details	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>
	2330	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>
	2340	MOA	Monetary amount	C	R	2		
	2350	CNT	Control total	C	R	1		
	2400	UNT	Message trailer	M	M	1		
	2420	UNZ	Interchange trailer	M	M	1		

## COSTCO – ORDERS 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 Purchase order message is ORDERS.

**Dependency Notes:**

**Notes:** Example:  
UNH+0001+ORDERS:D:01B:UN:EAN010'

### Data Element Summary

<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>		
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. ORDERS Purchase order 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 order 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+220+1901933058+9'

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
R	C002		<b>DOCUMENT/MESSAGE NAME</b> Identification of a type of document/message by code or name. Code preferred	C 1
R		1001	<b>Document name code</b> Code specifying the document name. 220 Order	C an..3
R	C106		<b>DOCUMENT/MESSAGE IDENTIFICATION</b> Identification of a document/message by its number and eventually its version or revision.	C 1
R		1004	<b>Document identifier</b> To identify a document. Purchase Order Number. Format: an...10	C an..35
R	1225		<b>MESSAGE FUNCTION CODE</b> Code indicating the function of the message. 9 Original Initial transmission related to a given transaction.	C 1 an..3

**Segment:** **DTM** Date/time/period  
**Position:** 0030  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 5  
**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 order date.

**Dependency Notes:**

**Notes:** This segment is used to specify the date of the Order and various dates concerning the delivery of the goods.

Example:

DTM+137:20120830:102'

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

DTM+2:20121001:102'

This example requests delivery on the 1st of October 2012.

**Data Element Summary**

	<b>Data Element</b>	<b>Component Element</b>	<b>Name</b>	<b>Attributes</b>
M	C507		<b>DATE/TIME/PERIOD</b> Date and/or time, or period relevant to the specified date/time/period type.	M 1
M		2005	<b>Date or time or period function code qualifier</b> Code qualifying the function of a date, time or period.	M an..3
			2 Delivery date/time, requested Date on which buyer requests goods to be delivered.	
			61 Cancel if not delivered by this date The date on which cancellation should take place, if delivery has not occurred.	
			63 Delivery date/time, latest Date identifying a point of time after which goods shall not or will not be delivered.	
			64 Delivery date/time, earliest Date identifying a point in time before which the goods shall not be delivered.	
			137 Document/message date/time (2006) Date/time when a document/message is issued. This may include authentication.	
R		2380	<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.	C an..35
R		2379	<b>Date or time or period format code</b> Code specifying the representation of a date, time or period.	C an..3
			102 CCYYMMDD Calendar date: C = Century ; Y = Year ; M = Month ; D = Day	



**Segment:** **FTX** Free text  
**Position:** 0070  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

**Dependency Notes:**

**Notes:**

Example:

FTX+DEL+++Call for Delivery Appointment 61 3 8398 0600'

**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>4451</b>	<b>TEXT SUBJECT CODE QUALIFIER</b> Code qualifying the subject of the text. DEL Delivery information Information about delivery. PUR Purchasing information Note contains purchasing information.	<b>M</b>	<b>1</b>	<b>an..3</b>	
<b>X</b>	<b>4453</b>	<b>FREE TEXT FUNCTION CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>	
<b>X</b>	<b>C107</b>	<b>TEXT REFERENCE</b>	<b>C</b>	<b>1</b>		
<b>R</b>	<b>C108</b>	<b>TEXT LITERAL</b> Free text; one to five lines	<b>C</b>	<b>1</b>		
<b>M</b>	<b>4440</b>	<b>Free text value</b> Free form text Delivery Information Format: an..80 Purchasing Information Format: an..216	<b>M</b>		<b>an..512</b>	

**Group:** **NAD** Segment Group 2: Name and address  
**Position:** 0120  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 3  
**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>Des.</b>	<b>Use</b>	<b>Repeat</b>
M	0130	NAD	Name and address	M	1	
O	0220		Segment Group 5: Contact information	C		1

**Segment:** **NAD** Name and address  
**Position:** 0130 (Trigger Segment)  
**Group:** Segment Group 2 (Name and address)      Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order. Identification of the seller and buyer parties is mandatory for the order message.

**Dependency Notes:**

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

The ship to address given in NAD at header level is the main delivery address for all line items.

Example:

NAD+BY+9343743000540::9++COSTCO WHOLESALE AUSTRALIA'  
 NAD+SU+199::92++SUPPLIER NAME'  
 NAD+ST+190::92++COSTCO HUNTINGWOOD DEPOT+35 HUNTINGWOOD  
 DR+HUNTINGWOOD+NSW+2148+AU'

Dependency Notes:

The following composites and data elements are only used for the ship to address (DE 3035 = ST):  
 C059 - 3164 - C819 - 3251 - 3207

**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.	M 1 an..3
		BY	Buyer Party to whom merchandise and/or service is sold. Required: Costco GLN	
		ST	Ship to Identification of the party to where goods will be or have been shipped. Required: Costco Store Code	
		SU	Supplier Party who supplies goods and/or services. Required: Costco Supplier Number	
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.	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.	C an..3
		9	GS1 ( formerly EAN international )	
		92	Assigned by buyer or buyer's agent Codes assigned by a buyer or buyer's agent.	
X	C058		<b>NAME AND ADDRESS</b>	C 1
R	C080		<b>PARTY NAME</b>	C 1

		Identification of a transaction party by name, one to five lines. Party name may be formatted.			
<b>M</b>	<b>3036</b>	<b>Party name</b> Name of a Party.	<b>M</b>	<b>1</b>	<b>an..35</b>
<b>D</b>	<b>C059</b>	<b>STREET</b> Street address and/or PO Box number in a structured address: one to four lines Required for Ship To Location (DE 3035 = ST)	<b>C</b>	<b>1</b>	
<b>M</b>	<b>3042</b>	<b>Street and number or post office box identifier</b> To identify a street and number and/or Post Office box number. Street address (line1) of the party identified.	<b>M</b>	<b>1</b>	<b>an..35</b>
<b>D</b>	<b>3164</b>	<b>CITY NAME</b> Name of a city. Required for Ship To Location (DE 3035 = ST)	<b>C</b>	<b>1</b>	<b>an..35</b>
<b>D</b>	<b>C819</b>	<b>COUNTRY SUB-ENTITY DETAILS</b> To specify a part of a country (eg county or part of a city). Required for Ship To Location (DE 3035 = ST)	<b>C</b>	<b>1</b>	
<b>R</b>	<b>3229</b>	<b>Country sub-entity name code</b> Code specifying the name of a country sub-entity. Allowable Codes include: ACT Australian Capital Territory NSW New South Wales NT Northern Territory QLD Queensland SA South Australia TAS Tasmania VIC Victoria WA Western Australia	<b>C</b>	<b>1</b>	<b>an..9</b>
<b>D</b>	<b>3251</b>	<b>POSTAL IDENTIFICATION CODE</b> Code specifying the postal zone or address. Required for Ship To Location (DE 3035 = ST)	<b>C</b>	<b>1</b>	<b>an..17</b>
<b>D</b>	<b>3207</b>	<b>COUNTRY NAME CODE</b> Identification of the name of the country or other geographical entity as defined in ISO 3166-1. Required for Ship To Location (DE 3035 = ST) Allowable Codes include: AU Australia	<b>C</b>	<b>1</b>	<b>an..3</b>

**Group:** **CTA** Segment Group 5: Contact information  
**Position:** 0220  
**Group:** Segment Group 2 (Name and address) Conditional (Optional)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

**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	0230	CTA	Contact information	M	1	
O	0240	COM	Communication Contact	C	1	

**Segment:** **CTA** Contact information  
**Position:** 0230 (Trigger Segment)  
**Group:** Segment Group 5 (Contact information) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment to identify a person or department, and their function, to whom communications should be directed.

**Dependency Notes:**

**Notes:** This segment is used to identify contact details for the party specified in the previous NAD segment.

Example:  
CTA+PD+:E BROWN'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
<b>R</b>	<b>3139</b>	<b>CONTACT FUNCTION CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>
		Code specifying the function of a contact (e.g. department or person). PD Purchasing contact Department/person responsible for issuing this Purchase order.			
<b>R</b>	<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	<b>C</b>	<b>1</b>	
		Code and/or name of a department or employee. Code preferred.			
<b>X</b>		<b>3413</b> <b>Department or employee name code</b>	<b>C</b>		<b>an..17</b>
<b>R</b>		<b>3412</b> <b>Department or employee name</b>	<b>C</b>		<b>an..35</b>
		Name of a department or employee.			

**Segment:** **COM** Communication Contact  
**Position:** 0240  
**Group:** Segment Group 5 (Contact information) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment to identify a communication type and number for the contact specified in the CTA segment.

**Dependency Notes:**

**Notes:**

Example:  
COM+61 2 94697900:TE'

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	C076	<b>COMMUNICATION CONTACT</b> Communication number of a department or employee in a specified channel. PD Purchasing contact Department/person responsible for issuing this Purchase order.	M	3	
M		<b>Communication address identifier</b> To identify a communication address.	M	an..512	
M		<b>Communication address code qualifier</b> Code qualifying the communication address TE Telephone	M	an..3	

**Group:** **CUX** Segment Group 7: Currencies  
**Position:** 0290  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments specifying the currencies and related dates/periods valid for the whole order.  
**Notes:**

**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	0300	CUX	Currencies	M	1	



**Segment:** **CUX** Contact information  
**Position:** 0300 (Trigger Segment)  
**Group:** Segment Group 7 (Currencies) Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify currencies used in the transaction and relevant details for the rate of exchange.  
**Dependency Notes:**  
**Notes:** Example:  
 CUX+2:AUD:9'

#### Data Element Summary

Data		Component			
<u>Element</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>	
<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. 9 Order currency The name or symbol of the monetary unit used in an order		<b>C</b>	<b>an..3</b>

**Group:** **PAT** Segment Group 8: Payment Terms Basis  
**Position:** 0330  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments specifying the terms of payment applicable for the whole order.

**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	0340	PAT	Payment terms basis	M	1	
O	0360	PCD	Percentage details	C	1	

**Segment:** **PAT** Payment Terms Basis  
**Position:** 0340 (Trigger Segment)  
**Group:** Segment Group 8 (Payment Terms Basis)      Conditional (Optional)  
**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+5'

### Data Element Summary

Data		Component		Attributes	
Element	Element	Name			
M	4279	<b>PAYMENT TERMS TYPE CODE QUALIFIER</b> Code qualifying the type of payment terms.	M	1	an..3
		1                      Basic Payment Terms which are agreed to apply to this Purchase Order.			
R	C110	<b>PAYMENT TERMS</b> Terms of payment code from a specified source.	C	1	
R	4277	<b>Payment terms description identifier</b> Identification of the terms of payment between the parties to a transaction (generic term).	M		an..17
		ZZZ                      Mutually defined (GS1 Code) A code identifying mutually defined payment terms.			
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
R	2475	<b>Time reference code</b> Code referencing a point in time.	M		an..3
		5                      Date of invoice X10                      Receipt of goods (GS1 Code)			

**Segment:** **PCD** Percentage Details  
**Position:** 0360  
**Group:** Segment Group 8 (Payment Terms Basis) Conditional (Optional)  
**Level:** 1  
**Usage:** Conditional (Optional)  
**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+12:2.5000'

**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 (9.9999) Minimum Length: 1 Maximum Length: 6	<b>C</b>	<b>n..10</b>	

**Group:** **TOD** Segment Group 12: Terms of Delivery or Transport  
**Position:** 0460  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments indicating the terms of delivery for the whole order.

**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	0470	TOD	Terms of Delivery or Transport	M	1	
O	0480	PCD	Place/location Identification	C	1	

**Segment:** **TOD** Terms of Delivery or Transport  
**Position:** 0470 (Trigger Segment)  
**Group:** Segment Group 12 (Terms of Delivery or Transport)      Conditional (Optional)  
**Level:** 1  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the delivery terms to be used e.g. UN INCOTERMS code could be used to specify the delivery terms.

**Dependency Notes:**

**Notes:**

Example:  
 TOD+6++FOB:ZZZ:92'

**Data Element Summary**

<b>Data</b>	<b>Component</b>			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
<b>R</b>	<b>4055</b>	<b>DELIVERY OR TRANSPORT TERMS FUNCTION CODE</b> Code specifying the function of delivery or transport terms. 6                      Delivery Condition Specifies the conditions under which the goods must be delivered to the consignee.	<b>C</b>	<b>1 an..3</b>
<b>X</b>	<b>4215</b>	<b>TRANSPORT CHARGES PAYMENT METHOD CODE</b>	<b>C</b>	<b>1 an..3</b>
<b>R</b>	<b>C100</b>	<b>TERMS OF DELIVERY OR TRANSPORT</b> Terms of delivery or transport code from a specified source.	<b>C</b>	<b>1</b>
	<b>4053</b>	<b>Delivery or Transport terms description code</b> CFR                      Cost & Freight CIF                        Cost, Insurance, Freight to named destination DAP                        Delivered at Place (named place of destination) DDP                        Delivered duty paid to destination EXW                        Ex works FOB                        Free on Board - Named port of shipment LDC                        Local Collect – Delivered to DC LDP                        Local Prepaid – Delivered to DC LWC                        Local Collect – Delivered to Warehouse LWP                        Local Prepaid – Delivered to Warehouse	<b>C</b>	<b>1 an..3</b>
	<b>1131</b>	<b>Code list identification code</b> ZZZ                        Mutually Defined Costco Freight Terms (including Incoterms 2010 and additional Local Freight Terms)	<b>C</b>	<b>1 an..17</b>
	<b>3055</b>	<b>Code list responsible agency code</b> 92                         Assigned by buyer or buyer's agent Codes assigned by a buyer or buyer's agent.	<b>C</b>	<b>1 an..3</b>

**Segment:** **LOC** Place/Location Identification  
**Position:** 0480 (Trigger Segment)  
**Group:** Segment Group 12 (Terms of Delivery or Transport) Conditional (Optional)  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A segment identifying locations relevant to the delivery terms specified in the TOD segment.  
**Dependency Notes:**  
**Notes:** Example:  
 LOC+1+MEL'

#### Data Element Summary

Data		Component			
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
M	3227	<b>LOCATION FUNCTION CODE QUALIFIER</b> Code identifying the function of a location. 1 Place of terms of delivery (3018) Point or port of departure, shipment or destination, as required under the applicable terms of delivery, e.g. Incoterms.	M	1	an..3
R	C517	<b>LOCATION IDENTIFICATION</b> Identification of a location by code or name.	C	1	
R	3225	<b>Location name code</b> Code specifying the name of the location.	C		an..25

**Group:** **ALC** Segment Group 19: Allowance or Charge  
**Position:** 0730  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 1  
**Purpose:** A group of segments specifying allowances and charges for the whole order. The allowance or charge specified within this Segment group may either relate to the total order 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 TRI 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 20-23 should be used accordingly

#### Segment Summary

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	0740	ALC	Allowance or Charge	M	1	
	0800		Segment Group 21: Percentage Details	C		1



**Segment:** **ALC** Allowance or Charge  
**Position:** 0740  
**Group:** Segment Group 19 (Allowance or Charge) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the charge or allowance and, where necessary, its calculation sequence.

**Dependency Notes:**

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

**Data Element Summary**

<b>Data</b>		<b>Component</b>				
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>			
M	5463	ALLOWANCE OR CHARGE CODE QUALIFIER Code qualifying an allowance or charge. A Allowance	M	1	an..3	
X	C552	ALLOWANCE/CHARGE INFORMATION	C	1		
X	4471	SETTLEMENT MEANS CODE	C	1	an..3	
X	1227	CALCULATION SEQUENCE CODE	C	1	an..3	
R	C214	SPECIAL SERVICES IDENTIFICATION Identification of a special service by a code from a specified source or by description.	C	1		
R	7161	Special services description code Code specifying a special service. DI Discount	C		an..3	

**Group:** **PCD** Segment Group 21: Percentage Details  
**Position:** 0800  
**Group:** Segment Group 19 (Allowance or Charge) Conditional (Optional)  
**Level:** 1  
**Usage:** Conditional (Required)  
**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.  
**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	0810	PCD	Percentage details	M	1	

**Segment:** **PCD** Percentage Details  
**Position:** 0810  
**Group:** Segment Group 21 (Percentage Details) Conditional (Required)  
**Level:** 1  
**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:**

**Notes:** Example:  
 PCD+12:5.0000'

**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 (9.9999) Minimum Length: 1 Maximum Length: 6	<b>C</b>	<b>n..10</b>	

**Group:** **LIN** Segment Group 28: Line item  
**Position:** 1030  
**Group:**  
**Level:** 1  
**Usage:** Conditional ( Required)  
**Max Use:** 200000  
**Purpose:** A group of segments providing details of the individual ordered items. This segment group may be repeated to give sub-line details.  
**Notes:** A group of segments providing details of the individual ordered items. This Segment group may be repeated to give sub-line details.

#### 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	1040	LIN	Line item	M	1	
O	1050	PIA	Additional product id	C	2	
R	1060	IMD	Item description	C	1	
R	1080	QTY	Quantity	C	1	
R	1120	MOA	Monetary amount	C	1	
O	1200	FTX	Free text	C	2	
R	1320		Segment Group 32: Price details	C		2
O	1610		Segment Group 43: Allowance or Charges	C		2

**Segment:** **LIN** Line item  
**Position:** 1040 (Trigger Segment)  
**Group:** Segment Group 28 (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 ordered. 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'

**Data Element Summary**

	<b>Data</b>	<b>Component</b>			
	<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
<b>R</b>	<b>1082</b>		<b>LINE ITEM IDENTIFIER</b> To identify a line item.	<b>C</b>	<b>1 an..6</b>
<b>X</b>	<b>1229</b>		<b>ACTION REQUEST/NOTIFICATION DESCRIPTION CODE</b>	<b>C</b>	<b>1 an..3</b>
<b>R</b>	<b>C212</b>		<b>ITEM NUMBER IDENTIFICATION</b> Goods identification for a specified source.	<b>C</b>	<b>1</b>
<b>R</b>		<b>7140</b>	<b>Item identifier</b> To identify an item. Format: n..14 GTIN - this is the number of the article being ordered.	<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. SRV EAN.UCC Global Trade Item Number	<b>C</b>	<b>an..3</b>

**Segment:** **PIA** Additional product id  
**Position:** 1050  
**Group:** Segment Group 28 (Line item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**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.

Examples:

PIA+1+1073667:IN'

In this example the PIA segment is used to provide an additional identification to the trade item number provided in the LIN segment. The GTIN 9311183050319 provided in the LIN segment refers to the internal buyer's item number 1073667.

**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 Information which specifies and qualifies product identifications.				
<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 The item number has been allocated by the buyer.				
		SA Supplier's article number Number assigned to an article by the supplier of that article.				

**Segment:** **IMD** Item description  
**Position:** 1060  
**Group:** Segment Group 28 (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 Adpt'

**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> Code specifying the format of a description. F Free-form Description of an item in free form text.	<b>C</b>	<b>1</b>	<b>an..3</b>
<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 Free form description of an item.	<b>C</b>		<b>an..256</b>

**Segment:** **QTY** Quantity  
**Position:** 1080  
**Group:** Segment Group 28 (Line item)      Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**Max Use:** 1  
**Purpose:** A segment identifying the product quantities e.g. ordered quantity.  
**Dependency Notes:**

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

Example:  
QTY+21:120:EA'

#### 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. 21                      Ordered quantity The quantity which has been ordered.	M	an..3	
M	6060	<b>Quantity</b> Alphanumeric representation of a quantity. Ordered Quantity Format: Numeric (ZZZZZZ9) Minimum length: 1 Maximum length: 7	M	an..35	
D	6411	<b>Measurement unit code</b> Code specifying the unit of measurement.	C	an..3	



**Segment:** **MOA** Monetary amount  
**Position:** 1120  
**Group:** Segment Group 28 (Line item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Required)  
**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:** This segment is used to indicate total amounts for the line.

Example:  
 MOA+203:1028.442'

**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.			
		203 Line item amount			
		Total amount of the purchase order line exclusive of 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 (ZZZZ9.99ZZ)			
		Minimum length: 4			
		Maximum length: 10			

**Segment:** **FTX** Free text  
**Position:** 1200  
**Group:** Segment Group 28 (Line item) Conditional (Required)  
**Level:** 2  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments. In computer to computer exchanges such text will normally require the receiver to process this segment manually.

**Dependency Notes:**

**Notes:** This segment is used to specify any special requirements for the current line item.

Example:

FTX+AEB+++STORAGE TEMPERATURE FROM 0C to 5C'  
 FTX+PKG+++60 CASE'

**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>4451</b>	<b>TEXT SUBJECT CODE QUALIFIER</b> Code qualifying the subject of the text.	<b>M</b>	<b>1</b>	<b>an..3</b>
		AEB Temperature control instructions			
		PKG Packaging information			
		Master Pack Description			
<b>X</b>	<b>4453</b>	<b>FREE TEXT FUNCTION CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>
<b>X</b>	<b>C107</b>	<b>TEXT REFERENCE</b>	<b>C</b>	<b>1</b>	
<b>R</b>	<b>C108</b>	<b>TEXT LITERAL</b> Free text; one to five lines	<b>C</b>	<b>1</b>	
<b>M</b>	<b>4440</b>	<b>Free text value</b> Free form text	<b>M</b>		<b>an..512</b>
		Temperature Control Instructions Format: an..40			
		Master Pack Description Format: an..12			

**Group:** **PRI** Segment Group 32: Price details  
**Position:** 1320  
**Group:** Segment Group 28 (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 ordered.  
**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	1330	PRI	Price details	M	1	

**Segment:** **PRI** Price details  
**Position:** 1330 (Trigger Segment)  
**Group:** Segment Group 32 (Price details)      Mandatory  
**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 GS1 Description: The price stated is the net price including allowances/charges and excluding taxes. Allowances/charges may be stated for information only.	
		AAB      Calculation gross GS1 Description: The price stated is the gross price excluding all allowances, charges and taxes. Allowances and charges must be stated and used for net calculation purposes.	
<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:** **ALC** Segment Group 43: Allowance or Charge  
**Position:** 1780  
**Group:**  
**Level:** 1  
**Usage:** Conditional (Optional)  
**Max Use:** 2  
**Purpose:** A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section.

**Segment Summary**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max. Use</u>	<u>Group: Repeat</u>
M	1790	ALC	Allowance or Charge	M	1	
	1850		Segment Group 45: Percentage	C		1

**Segment:** **ALC** Allowance or Charge  
**Position:** 1790  
**Group:** Segment Group 43 (Allowance or Charge) Conditional (Optional)  
**Level:** 2  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** A segment identifying the charge or allowance and, where necessary, its calculation sequence.

**Dependency Notes:**

**Notes:**

Example:  
 ALC+A++++DI'  
 ALC+A++++RCH'

**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>5463</b>	<b>ALLOWANCE OR CHARGE CODE QUALIFIER</b> Code qualifying an allowance or charge. A Allowance	<b>M</b>	<b>1</b>	<b>an..3</b>	
<b>X</b>	<b>C552</b>	<b>ALLOWANCE/CHARGE INFORMATION</b>	<b>C</b>	<b>1</b>		
<b>X</b>	<b>4471</b>	<b>SETTLEMENT MEANS CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>	
<b>X</b>	<b>1227</b>	<b>CALCULATION SEQUENCE CODE</b>	<b>C</b>	<b>1</b>	<b>an..3</b>	
<b>R</b>	<b>C214</b>	<b>SPECIAL SERVICES IDENTIFICATION</b> Identification of a special service by a code from a specified source or by description.	<b>C</b>	<b>1</b>		
<b>R</b>	<b>7161</b>	<b>Special services description code</b> Code specifying a special service. DI Discount This discount is a reduction in the price of an item offered on a one off basis. RCH Return Handing (GS1 Code) An Allowance to cover Damaged or Expired Stock.	<b>C</b>		<b>an..3</b>	

**Group:** **PCD** Segment Group 45: Percentage Details  
**Position:** 1850  
**Group:** Segment Group 43 (Allowance or Charge) Conditional (Optional)  
**Level:** 3  
**Usage:** Conditional (Required)  
**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><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	1860	PCD	Percentage Details	M	1	

**Segment:** **PCD** Percentage Details  
**Position:** 1860  
**Group:** Segment Group 45 (Percentage Details)      Conditional (Required)  
**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:**

**Notes:** Example:  
 PCD+12:4.0000'

**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 (9.ZZZZ) Minimum Length: 1 Maximum Length: 6	<b>C</b>	<b>n..10</b>	



**Segment:** **UNS** Section control  
**Position:** 2330  
**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:** Purchase order 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:** **MOA** Monetary amount  
**Position:** 2340  
**Group:**  
**Level:** 1  
**Usage:** Conditional  
**Max Use:** 1  
**Purpose:** A segment giving the total amounts for the whole order message.  
**Dependency Notes:**  
**Notes:**

This segment is used to indicate total amounts for the purchase order.

Example:  
MOA+128: 1028.442'

#### Data Element Summary

Data	Component		
<u>Element</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	C516	<b>MONETARY AMOUNT</b> Amount of goods or services stated as a monetary amount in a specified currency.	M 1
M	5025	<b>Monetary amount type code qualifier</b> Code qualifying the type of monetary amount. 128 Total amount Total amount of the purchase order exclusive of GST.	M an..3
R	5004	<b>Monetary amount</b> To specify a monetary amount. Format: Numeric (ZZZZZZ9.ZZZ) Minimum length: 1 Maximum length: 11	C n..35

**Segment:** **CNT** Control total  
**Position:** 2350  
**Group:**  
**Level:** 1  
**Usage:** Mandatory  
**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+2:4'

There are four LIN segments in the current message.

**Data Element Summary**

<b>Data</b>		<b>Component</b>			
<b>Element</b>	<b>Element</b>	<b>Name</b>	<b>Attributes</b>		
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)			

**Segment:** **UNT** Message trailer  
**Position:** 2400  
**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+34+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.

### Orders - Store Delivery

Message data	Explanation
UNA:+.?' UNB+UNOB:3+9343743000533:ZZ+999999999999:ZZ+12 1116:0604+44868912++++1' UNH+0001+ORDERS:D:01B:UN:EAN010' BGM+220+1901933058+9' DTM+137:20120830:102' DTM+2:20121001:102' FTX+DEL+++Call for Delivery Appointment 61 3 8398 0600' NAD+BY+9343743000540::9++Costco Wholesale Aus P L' CTA+PD+:E BROWN' COM+61 2 94697900:TE' NAD+SU+199::92++SUPPLIER NAME' NAD+ST+190::92++COSTCO HUNTINGWOOD DEPOT+35 HUNTINGWOOD DR+HUNTINGWOOD+NSW+2148+AU' CUX+2:AUD:9' PAT+1+ZZZ:::75 NET 75+X10' PCD+12:2.0000' TOD+6++FOB:ZZZ:92' LOC+1+MEL' ALC+A++++DI' PCD+12:5.0000'	Message header with reference number 0001 Original purchase order, number 1901933058 Message sent 30 <sup>th</sup> August 2012 Request Delivery Date of 1 <sup>st</sup> of October 2012 Delivery Notes Buyer Code is 9343743000540 Purchasing Contact is E Brown Contact Phone Number Supplier Code is 199 Ship To Code is 190 and Ship To Address. Currency is Australian Dollars Basic Payment Terms of 14 Days from Receipt of Goods Payment Terms Discount Percentage of 2% Terms of Delivery are FOB Port of Call Port Code is MEL Discount 5% Discount
LIN+1++9311183050319:SRV' PIA+I+1073667:IN' PIA+I+1073A:SA' IMD+F+++::SPRAY DOUBLE HEAD SHOWER ADPT' QTY+21:120:EA' MOA+203:1028.442' FTX+AEB+++STORAGE TEMPERATURE FROM 0C to 5C' FTX+PKG+++60 CASE' PRI+AAA:8.570' PRI+AAB:9.470' ALC+A++++DI' PCD+12:4.0000' ALC+A++++RCH' PCD+12:0.5000'	First line item GTIN Buyer's item number Supplier's article number Free form description Order Quantity is 120 and UOM is Each Total Line Value is \$1028.442 Delivery Notes relating to this Line Net Price is \$8.570 per Unit Gross Price is \$9.470 per Unit Discount 4% Discount Return Allowance 0.5% Discount for Return Allowance
UNS+S' MOA+128: 1028.442' CNT+2:1' UNT+35+0001' UNZ+1+10'	Total value of this order is \$1028.442, excluding GST. 2 line items in this order 35 segments and reference number 0001

## 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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