ORDERS Message – EANCOM 2002

Version: **3.1**

Author: **Robin Anson**

Metcash Trading Ltd

Purchase Order Message Implementation Guideline

EANCOM 2002
(Based on UN/EDIFACT Directory D.01B)

Introduction

This document contains the Message Implementation Guidelines (MIG) for Metcash Purchase Order Message.

These MIGs are based on EANCOM 2002 Guideline using UN/EDIFACT Directory D.01B.

Metcash expects the recipient of the Purchase Order to return a CONTRL message within 3 hours of receiving the Purchase Order, acknowledging its receipt.

Further information can be obtained from:

Kamlesh Lal
Metcash Trading Limited
Phone: (03) 8368-6015
Email: Kamlesh.Lal@Metcash.com

This Message Implementation Guideline (MIG):
Only those segments in the standard message to be used in this MIG are specified, any segments not used have been omitted for readability. Within the detailed specification of each segment, all data elements are identified, even if they are not used, as placement of data elements within a segment is critical. The *User Status/Attribute* (see below) will indicate whether a particular segment or element is sent or not.

User Status/Attributes:
M - Mandatory: Base Status/Attribute is mandatory so user status must also be mandatory
R - Required: Base Status/Attribute is Conditional, but for this MIG it must always be sent
D - Dependent: must or may be sent where stated conditions apply
O - Optional: may be sent, by agreement between parties
X - Not used: never sent

Acknowledgement:

This Message Implementation Guide (MIG) is based on the EANCOM® 2002 Australian Retail Industry Implementation Guidelines for the Purchase Order Message derived from the international UN/EDIFACT directory D.01B. Visit the GS1 Australia website at

http://www.gs1au.org/information_library/message_implementation_guidelines.asp

or contact GS1 Help Desk for more information or to download all other standard guidelines used by the Australian Retail Industry.

This MIG is GS1 Australia compliant, see certification below.

GS1 Australia (Formerly EAN Australia)

The following message implementation guideline (MIG) has been reviewed by GS1 Australia and is deemed to be both structurally and syntactically compliant with EANCOM2002 (based on UN/EDIFACT D.01B). This review does not include the alignment of segment, data element and code usage with other industries or other trading hubs.

www.gs1au.org

1300 366 033

GS1 Australia Disclaimer: The information, reports, emails, data, etc, provided in this advice has been prepared and issued by GS1 Australia Limited (ABN 67 005 529 920) and is for information purposes only. Users of this information should not act on any Content without seeking professional advice. Whilst the Content contained on this document, has been reviewed with all reasonable care from sources, which we believe are reliable, no responsibility or liability is accepted by GS1 Australia for any errors or omissions or misstatements however caused. Any opinions or recommendations reflect our judgment and assumptions at the date of publication or broadcast and may change without notice. We are not aware of the manner in which the user intends to use the Content. In preparing our Content, it is not possible to take into consideration of any individual user needs.

Change Control

Date	Version	Comments
Jun-09	3.1	Reword note for Reverse routing code use in UNB segment
Nov-08	3.0	Release version – Updated compliance statement & minor QA edits
		Added notes on use of code qualifiers
Nov-08	V2.2	Added condition to UNB note restricting allowed character set.
		Removed location codes from Appendix.
Oct-08	V2.1	Clarified and updated Business Rules
		Updated examples in segment notes.
		Added RFF segment in SG1 with DE 1153 = AAN for Appointment Number.
		In BGM, DE 1001, added code 224 "Rush Order".
		In BGM, DE 1225, added codes 7 "Duplicate" and 31 "Copy".
		In DTM at header, DE 2005, added code 235 "Collection Date/Time, Latest".
		In NAD SG2, DE 3039, updated Metcash DC list.
		In PIA SG28, DE 4347, added code 5 "Product Identification".
Jul-08	V2.0	Added Business Rules.
		Added CTA and COM segments to header.
		Added PIA, IMD, MEA and DTM segments to detail.
		In QTY, DE 6063, added code 59 "Number of consumer units in the traded unit".
		Added MOA in summary.
Jan-08	V1.6	New location code for NSW. 072 Moorebank Grocery DC to cover for Blacktown storm damage.
Oct-07	V1.5	Metcash SA Location Codes 961 (Grocery) & 962 (Frozen) replace 100, refer to page 28 for a full list of Metcash Location Codes.
Sep-07	V1.4	LOC segment to always appear after the NAD+ST
Jul-07	V1.3	Update of Location Codes for QLD (Loganlea DC move to Crestmead). X400 address change of Test EDI Interchange ID.
Sep-06	V1.2	Correction to Sample FA & Location Codes
Aug-06	V1.1	Inclusion of Sample files
Aug-06	V1.0	Release Version, GS1 Certification
June-06	Draft 1.0	Initial Release based on Australian Retail Industry MIG – EANCOM 2002 using UN/EDIFACT Directories D.01B EAN010 Dec 2002

Business Rules

This section describes how electronic purchase orders (ORDERS document) and purchase order responses (ORDRSP document) are to be used in trading electronically with Metcash Trading Ltd.

Functional Acknowledgements

1. An automated Functional Acknowledgement (FA) at interchange level is expected for all B2B documents exchanged between Metcash and Suppliers.
2. Only acknowledgment of receipt of an interchange for all messages is required. Any errors found in any message must be communicated promptly with personnel responsible for the transaction.
3. On receipt of a Functional Acknowledgment document for a PO, Metcash will assume that the trading partner has successfully received the order. Internal systems will be updated to reflect this.

Purchase Order Acknowledgements (POA)

1. The preferred approach of Metcash is to receive a POA from a supplier in response to all PO's sent to that supplier by Metcash Trading Limited.
2. The POA Must be sent within the following timeframes:
   - within 1 hour of the order being sent by Metcash for delivery of dairy, freezer or perishable goods,
   - within 3 hours of the order being sent by Metcash for all other goods.

   Multiple POAs can be sent (i.e. subsequent updates will be accepted) if sent within these timeframes.
3. Metcash will receive three types of POAs from trading partners. These are: Order Accepted in Full; Order Rejected in Full; or Change to the Order Details.
   - If there are no problems with the PO, the vendor is to send a POA message with the flag “Accept in Full”.

     An Order Accepted in Full means that all information that was sent to the supplier was correct in every aspect and can be delivered in full, i.e. Price, Quantity, TUN, TiHi, Pack Size, Unit of Measure, Weight, Delivery Date. Detail lines should not be sent.
   - A POA Rejected in Full means that the whole Order that has been placed by Metcash cannot be supplied. Detail lines should not be sent.
   - If any details except delivery date need changing, the vendor must return a POA with the flag “Accept with Changes” and the changed lines. The purpose of the POA with a change is to verify information. Only the changed line items should be sent.

     For each changed line item that is returned, the vendor must include the identifier for the item (i.e. the GTIN or, if that is not available, the vendor and/or buyer item numbers) and the changed quantity. Any other details may be returned but they will be ignored by Metcash.

     If changes are be made to line item details other than quantity, these changes should not be returned in the POA, but should be negotiated by phone with Metcash.
4. All information that is sent on the Purchase Order is assumed to be confirmed within the POA unless explicitly returned as changed. The following information is confirmed within a POA returned to Metcash:
   - Delivery Date
   - Traded unit Number
   - Quantity
   - Ti/Hi information relating to the product being ordered
   - Pack Size

- Unit Of Measure
- Weight
- Pricing
- Shelf Life

Only details of changes to the PO are required to be sent.

5. If there is a problem with the delivery date in the PO, the vendor is to contact the Stock Controller (Stock Controller (Rebuyer)) to reschedule the delivery.
6. Any discrepancies in range, pack size, weight, UOM and cost price must be communicated by the vendor to the National Buyer immediately and an appropriate course of action established to resolve the issue.
7. No substitutes, pack size, weight, UOM or pallet configuration changes will be accepted without prior authorisation by Metcash.

   The Buyer must be contacted for a pack size change.

   If a different Ti/Hi is required to that on the PO, the vendor must phone the Stock Controller (Stock Controller (Rebuyer)) named on the PO.
8. Backorders will not exist under B2B Electronic Trading, but a linked Purchase Order will be used to retain any existing Price.
9. The total POA will be rejected if:
   1. The POA is structurally invalid
   2. The PO number is invalid
   3. The Supplier number is invalid
   4. Not all lines on the PO are accounted for, e.g. POA is flagged for a 'Change' but no detail changes are specified. (Note that if a PO line item cannot be fulfilled it must be returned on the POA with a zero quantity.)
   5. There is a GTIN on the POA that is not on the PO (i.e. No GTIN substitution will be accepted via POA)
   6. There are lines on the POA that are not on the PO
   7. There is an accepted ASN on hand for the same PO
10. If any line on a POA is rejected, just that line is rejected (i.e. not the entire POA).
11. If one or more POA lines are rejected, a rejection notice will be issued to the supplier advising them of the lines that have been rejected and the reason for rejection.
12. If all lines on a POA are rejected, the entire POA is rejected.
13. If any line on a POA is rejected, the Buyer will be notified and any new purchase orders raised for this item will bring up a message stating that the item was rejected along with the reason.
14. A new PO will be sent for any rejected lines on a POA
15. If any POA quantity is greater than the PO quantity, the POA line item will be rejected unless prior arrangement has been made with the Rebuyer and the quantity expected has been revised at Metcash.
16. The POA is used to confirm the price on the PO. If there is a discrepancy, then a process of negotiation will apply to reach agreement on price. If needed, a claim will be raised. The supplier is not permitted to change the price in the POA.
17. If a POA is rejected Inventory Management will be notified and they will contact the supplier to resolve the issues. If there is a resolution before the allowed POA deadline, a replacement POA can be sent.
18. Unless otherwise agreed by Metcash, the amount payable is calculated by reference to POA confirmed price and the quantity received. The cost price listed on the PO is derived through the application of "cost price logic" (lowest cost of PO date cost and delivery due date cost).

19. Additional allowances and discounts may apply to the Purchase Price quoted in the order.
20. Where applicable, Purchase Prices specified in the Purchase Order are on a GST inclusive basis.

Summary: Data Content

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.

Header Section				
Segment	**Element**	**Format**	**Usage**	**Field Name / Description**
BGM	1001	code list	R	*Message type* as 220 = Order or 224 = Rush order
	1004	an..35	R	*Purchase Order Number*
	1225	code list	R	*Original*, *Duplicate* or *Copy* function
DTM	2380	date	R R	*Purchase Order Date* (2005 = 137) *Requested Delivery Date* (2005 = 2)
FTX	7008	an..512	R	*Free form text instructions*
RFF	1154	an..70	O	*Metcash Appointment Number*
NAD	3039	an..35	R	*Buyer Identifier* (Metcash Trading GLN) (3035 = BY)
NAD	3039	an..35	R	*Supplier Identifier* (Supplier GLN) (3035 = SU)
NAD	3039	an..35	R	*Ship To Location Identifier* (Store GLN) (3035 = ST)
LOC	3225	an..35	O	*Delivery Dock Number*
CTA	3412	an..35	O	*Buyer Contact Name*
COM	3148	an..512	O	*Buyer Contact Details* (phone, fax and/or email)
Detail Section				
LIN	1082	an..6	R	*Line item number* (sequential count)
	7140	an..35	R	*Global Trade Item Number (GTIN)*
PIA	7140	an..35	O	*Buyer's item number* (Metcash #) (7143 = IN)
			O	*Supplier's item number* (7143 = SA)
IMD	7008	an..256	O	*Item description*
MEA	6314	an..18	O O	*Number of layers on pallet* (6313 = LAY) *Number of units per layer on pallet* (6313 = ULY)
QTY	6060	an..35	R	*Ordered quantity* (6063 = 21)
			D	*Consumer units in traded unit* (6063 = 59)
	6411	code list	O	*Ordered unit of measure* (e.g. kg)
DTM	2380	date	R	*Minimum shelf life* (2005 = 364)
PRI	5118	n..15	R	*Net unit price* (including GST)
Summary Section				
MOA	5004	n..35	R	*Total order amount* (including GST)
CNT	6066	n..18	O	*Total value of quantity segments* (6069 = 1)
			O	*Total number of line items in message* (6069 = 2)

Reading this Document

Introduction to UN/EDIFACT terminology:
A UN/EDIFACT (ISO 9735) file is called an "*interchange*". This is the EDI terminology. The interchange is made up of *segments*, which is also an EDI term equivalent to the term "record".

An interchange starts with an interchange header segment called "UNB" and terminates with an interchange trailer segment called "UNZ". Within the UNB – UNZ envelope are the segments that comprise either functional groups (not being used by Metcash) or the electronic EDI business *messages* themselves. Each business message begins with a header "UNH" segment and terminates with at trailer "UNT" segment. In between the message header and trailer are the user segments containing the business data.
Sample below:

```
UNB                 (start of interchange)
    UNH                     (start of first business message)
    ……..user segments
    UNT                     (end of first business message)
    UNH                     (start of second business message)
    ……..user segments
    UNT                     (end of second business message)
UNZ                 (end of interchange)
```

Segments are made up of one or more data *elements*. Each data element in a segment is separated by a plus (+) symbol. A data element can be made up of *components*, which are separated from each other by a colon (:). Segments are terminated by the apostrophe ('). See data stream examples in sample message and on segments in the MIG.

UN/EDIFACT segments are given a *Base Status*, whilst the segments are given *Base Attributes*.

<u>Base Status/Attributes:</u>
M - Mandatory: this segment/element must always be sent[1]
C - Conditional: this segment/element may be sent, see User Status/User Attributes (below)

[1] Note that a segment with status "M" may occur in a group with status "C" so if the group is not used, then the segment is not used either. However if the group is used the segment must be used. The same applies to data elements.

This Message Implementation Guideline (MIG):
In this MIG only those segments in the standard message that are to be used are specified. Any segments not used have been omitted for readability. However, within the specification of each segment, all data elements are identified, even if they are not used. Where unused data elements appear before data elements that are used, the missing data elements must be indicated as the placement of data elements within a segment is critical.

The following *User Status/Attributes* indicate the usage of particular segments and elements within this MIG.

User Status/Attributes:
M - Mandatory: Base Status/Attribute is mandatory so user status must also be mandatory
R - Required: Base Status/Attribute is Conditional, but for this MIG it must always be sent
D - Dependent: must or may be sent where stated conditions apply
O - Optional: may be sent, by agreement between parties
X - Not Used: never sent

Notation:
Wherever possible, notes have been inserted into the MIG content (shown as shaded) to clarify how the data is to be used as well as any business rules to follow.

Most segments have a shaded block of notes at the beginning of the segment. Much of this is automatically generated text from the EANCOM superset on which this MIG is based.

As such, please use as your primary reference, the data element specification, which begins in each segment immediately below the heading "*Data Element Summary*".

NOTES:
The use of ZZ as a code qualifier has been included for migration purposes due to its current use by Metcash and other Industry participants. However where GLN numbers are used as values it is preferred and recommended that code 14 be used. As the use of GLN codes becomes more common and widespread it is expected ZZ with diminish in use. Similarly code 92 as a code qualifier has been included where considered appropriate.

The item identifier used in all documents must be an item defined at the trade unit level (outer pack), not a consumer unit or an intermediate level of the product included in the order, invoice or shipment.

ORDERS Purchase order message

Pos. No.	Seg. ID	Name	Base Guide	User Status	Max.Use	Group Repeat	Notes and Comments
0001	UNA	Una Service String Advice	C	R	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	35		
0070	FTX	Free text	C	O	99		
0090		Segment Group 1: RFF	C	O		9999	
0100	RFF	Reference	M	M	1		
0120		Segment Group 2: NAD-LOC-SG5	C	R		99	
0130	NAD	Name and address	M	M	1		
0140	LOC	Place/location identification	C	O	99		
0220		Segment Group 5: CTA-COM	C	O		5	
0230	CTA	Contact information	M	M	1		
0240	COM	Communication contact	C	O	5		
1030		Segment Group 28: LIN-PIA-IMD-MEA-QTY-DTM-SG32	C	R		200000	
1040	LIN	Line item	M	M	1		
1050	PIA	Additional product id	C	O	25		
1060	IMD	Item description	C	O	99		
1070	MEA	Measurements	C	O	99		
1080	QTY	Quantity	C	R	99		
1110	DTM	Date/time/period	C	O	35		
1320		Segment Group 32: PRI	C	O		25	
1330	PRI	Price details	M	M	1		
2330	UNS	Section control	M	M	1		
2340	MOA	Monetary amount	C	O	99		
2350	CNT	Control total	C	O	10		
2400	UNT	Message trailer	M	M	1		
2410	UNZ	Interchange trailer	M	M	1		

Segment: **UNA** **Una Service String Advice**
Position: 0001
Group:
Level: 0
Usage: Conditional (Required)
Max Use: 1
Purpose: The service string advice shall begin with the upper case characters UNA immediately followed by six characters in the order shown below. The space character shall not be used in positions 010, 020, 040, 050 or 060. The same character shall not be used in more than one position of the UNA.
Notes: This UNA segment specifies that the standard UNOA service characters will be used for all Metcash MIGs.

Example:
UNA:+.? '

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
UNA1		COMPONENT DATA ELEMENT SEPARATOR	M 1 an1	M
UNA2		DATA ELEMENT SEPARATOR	M 1 an1	M
UNA3		DECIMAL MARK	M 1 an1	M
UNA4		RELEASE CHARACTER	M 1 an1	M
UNA5		REPETITION SEPARATOR	M 1 an1	M
UNA6		SEGMENT TERMINATOR	M 1 an1	M

Segment: **UNB** **Interchange header**
Position: 0005
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To start, identify and specify an interchange.
Notes: Metcash messages are based on EANCOM 2002 and will use syntax level C, version 3 as indicated in DE 0001 and DE 0002 as UNOC:3.

NB: This syntax level supports all characters defined in ISO 8859-1: Information processing - Part 1: Latin alphabet No. 1. However, in this MIG Metcash will only support the use of the lower range (hex 20 to 7E), which is equivalent to the US variant of ISO 646 (also known as ASCII).

Example:
UNB+UNOC:3+9377777130737:14:077+9300614000009:14+060412:1015+2340+++
+1'
DE 0008 used by Metcash to identify the state of the order origin. This element should be included in the UCI segment of the control message (Functional Acknowledgement)

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
S001		**SYNTAX IDENTIFIER**		**M**		**M**
	0001	**Syntax identifier**		**M**	**a4**	**M**
		UNOC	UN/ECE level C			
	0002	**Syntax version number**		**M**	**n1**	**M**
S002		**INTERCHANGE SENDER**		**M**		**M**
	0004	**Sender identification**		**M**	**an..35**	**M**
		9377777130737	Metcash production sender id			
		9377777130740	Metcash test sender id			
	0007	**Partner identification code qualifier**		**C**	**an..4**	**R**
		14	EAN International			
		ZZ	Mutually defined			
	0008	**Address for reverse routing**		**C**	**an..14**	**R**
		This element replaces the use of UNG/UNE segments from earlier versions and as a result UNG/UNE segments are no longer supported. Metcash requires this element in the control message for internal reconciliation. The code used is the Metcash internal code value for the Ship to Point indentified by the GLN in DE 3039 used to identify the Ship To Branch code in the NAD segments.				
S003		**INTERCHANGE RECIPIENT**		**M**		**M**
	0010	**Recipient identification**		**M**	**an..35**	**M**
	0007	**Partner identification code qualifier**		**C**	**an..4**	**R**
		14	EAN International			
		ZZ	Mutually defined			
	0014	**Routing address**		**C**	**an..14**	**O**
S004		**DATE/TIME OF PREPARATION**		**M**		**M**
	0017	**Date of preparation**		**M**	**n6**	**M**
		YYMMDD date format				
	0019	**Time of preparation**		**M**	**n4**	**M**
		HHMM time format				
0020		**INTERCHANGE CONTROL REFERENCE**		**M**	**an..14**	**M**
S005		**RECIPIENT'S REFERENCE, PASSWORD**		**C**		**X**
	0022	**Recipient's reference/password**		**M**	**an..14**	**X**
	0025	**Recipient's reference/password qualifier**		**C**	**an2**	**X**
0026		**APPLICATION REFERENCE**		**C**	**an..14**	**X**

0029	**PROCESSING PRIORITY CODE**	**C**	**a1**	**X**
0031	**ACKNOWLEDGEMENT REQUEST**	**C**	**n1**	**R**
	This indicator is always used by Metcash to indicate a control messages needs to be returned upon receipt of this message.			
0032	**COMMUNICATIONS AGREEMENT ID**	**C**	**an..35**	**X**
0035	**TEST INDICATOR**	**C**	**n1**	**D**
	1 Interchange is a test Used to indicate that the message is sent for test purposes only and should be disregarded by the recipient if the message is flagged as test.			

Segment: **UNH** **Message header**
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message. The message type code for the Purchase order message is ORDERS.
Note: Purchase order messages conforming to this document must contain the following data in segment UNH, composite S009:
Data element 0065 ORDERS 0052 D 0054 01B 0051 UN
Notes: Example:
UNH+0001+ORDERS:D:01B:UN:EAN010'

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
0062		**MESSAGE REFERENCE NUMBER**		**M**	**an..14**	**M**
		Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.				
S009		**MESSAGE IDENTIFIER**		**M**		**M**
	0065	**Message type**		**M**	**an..6**	**M**
		ORDERS	Purchase order message			
	0052	**Message version number**		**M**	**an..3**	**M**
		D	Draft version/UN/EDIFACT Directory			
	0054	**Message release number**		**M**	**an..3**	**M**
		01B	Release 2001 - B			
	0051	**Controlling agency**		**M**	**an..2**	**M**
		UN	UN/CEFACT			
	0057	**Association assigned code**		**C**	**an..6**	**R**
		EAN010	EAN version control number (EAN Code)			
0068		**COMMON ACCESS REFERENCE**		**C**	**an..35**	**X**
S010		**STATUS OF THE TRANSFER**		**C**		**X**
	0070	**Sequence of transfers**		**M**	**n..2**	**X**
	0073	**First and last transfer**		**C**	**a1**	**X**

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

Example:
BGM+220+07712345+9'

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C002		**DOCUMENT/MESSAGE NAME**		**C**		**R**
	1001	**Document name code**		**C**	**an..3**	**R**
		220	Order			
		224	Rush order			
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
	1000	**Document name**		**C**	**an..35**	**X**
C106		**DOCUMENT/MESSAGE IDENTIFICATION**		**C**		**R**
	1004	**Document identifier**		**C**	**an..35**	**R**
		Metcash purchase order number				
	1056	**Version identifier**		**C**	**an..9**	**X**
	1060	**Revision identifier**		**C**	**an..6**	**X**
1225		**MESSAGE FUNCTION CODE**		**C**	**an..3**	**R**
		7	Duplicate			
			Used to indicate that this message is a retransmission without any change of the content in the original transmission.			
		9	Original			
			An original transmission of the purchase order to the primary recipient.			
		31	Copy			
			Used to indicate that this is a copy of an original transmission requested for a party other than the primary recipient (e.g. a broker).			
4343		**RESPONSE TYPE CODE**		**C**	**an..3**	**X**

Segment: **DTM** **Date/time/period**
Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 35
Purpose: A segment specifying general dates and, when relevant, times related to the whole message. The segment must be specified at least once to identify the order date. Examples of the use of this DTM segment are: Lead times that apply to the whole of the Order and, if no schedule is to be specified, the delivery date. The Date/time/period segment within other Segment group 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.
Notes: This segment is used to specify the date of the Order and the requested date concerning the delivery of the goods.

DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in the purchase order message.

Examples:
DTM+137:200808300826:203'
The message was created at 8:26 am on the 30th of August 2008.

DTM+2:20081001:102'
The requested delivery date is the 1st of October 2008.

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C507		**DATE/TIME/PERIOD**		**M**		**M**
	2005	**Date or time or period function code qualifier**		**M**	**an..3**	**M**
		2	Delivery date/time, requested			
		137	Document/message date/time			
		235	Collection date/time, latest			
	2380	**Date or time or period value**		**C**	**an..35**	**R**
	2379	**Date or time or period format code**		**C**	**an..3**	**R**
		102	CCYYMMDD			
		203	CCYYMMDDHHMM			

Segment: **FTX** **Free text**
Position: 0070
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
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.
Notes: This segment is used to provide free form or coded text information for the entire purchase order.

Example:
FTX+DEL+3++PLEASE PASS ON TIME AND DATE OF DELIVERY TO YOUR TRANSPORT'

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
4451		**TEXT SUBJECT CODE QUALIFIER**		**M**	**an..3**	**M**
		DEL	Delivery information			
		PUR	Purchasing information			
		ZZZ	Mutually defined			
			Where coded reference values are used in the Order document as agreed between the parties this value must be used.			
4453		**FREE TEXT FUNCTION CODE**		**C**	**an..3**	**O**
		1	Text for subsequent use			
		3	Text for immediate use			
C107		**TEXT REFERENCE**		**C**		**X**
	4441	**Free text value code**		**M**	**an..17**	**X**
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
C108		**TEXT LITERAL**		**C**		**R**
	4440	**Free text value**		**M**	**an..512**	**M**
	4440	**Free text value**		**C**	**an..512**	**X**
	4440	**Free text value**		**C**	**an..512**	**X**
	4440	**Free text value**		**C**	**an..512**	**X**
	4440	**Free text value**		**C**	**an..512**	**X**
3453		**LANGUAGE NAME CODE**		**C**	**an..3**	**X**
4447		**FREE TEXT FORMAT CODE**		**C**	**an..3**	**X**

Group: **RFF** **Segment Group 1: Reference**
Position: 0090
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 9999
Purpose: A group of segments for giving references and where necessary, their dates, relating to the whole message e.g. contract number, import/export license number, reservation number.
Notes: A group of segments for giving references and where necessary, their dates, relating to the whole message e.g. contract number, import/export license number, reservation number.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	RFF	Reference	M	1	

Segment: **RFF** **Reference**
Position: 0100 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and where appropriate a line number within a document.
Notes: This segment is used to specify the Metcash Appointment Number that is to be returned in the Despatch Advice.

Example:
RFF+AAN:652744'

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C506		**REFERENCE**		**M**		**M**
	1153	**Reference code qualifier**		**M**	**an..3**	**M**
		AAN	Delivery schedule number Identifies that the Metcash Appointment Number will be found in DE 1154.			
	1154	**Reference identifier**		**C**	**an..70**	**R**
		Metcash Appointment Number.				
	1156	**Document line identifier**		**C**	**an..6**	**X**
	4000	**Reference version identifier**		**C**	**an..35**	**X**
	1060	**Revision identifier**		**C**	**an..6**	**X**

Group: **NAD** **Segment Group 2: Name and address**
Position: 0120
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	NAD	Name and address	M	1	
O	0140	LOC	Place/location identification	C	99	
	0220		Segment Group 5: Contact information	C		5

Segment: **NAD** **Name and address**
Position: 0130 (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 order. Identification of the seller and buyer parties is mandatory for the order 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.
Notes: The NAD 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 in the Order using DE's 3035 and C082.

Coded address information only is supported by Metcash orders process.

Example:
NAD+SU+9310059000007::9'
NAD+ST+017::92'

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
3035		**PARTY FUNCTION CODE QUALIFIER**		**M**	**an..3**	**M**
		Buyer and Supplier are mandatory.				
		BY	Buyer			
			Required: Used to identify the buyer responsible for this order.			
		ST	Ship to			
		SU	Supplier			
			Required.			
C082		**PARTY IDENTIFICATION DETAILS**		**C**		**R**
	3039	**Party identifier**		**M**	**an..35**	**M**
		Required: GLN if available, otherwise Metcash's assigned identifier. Metcash Distribution Centre Number to be used when DE 3035 = ST. A sample list of DC numbers is listed below. Please refer to the Metcash website (http://www.metcash.com) for a full list.				
		017	Crestmead Grocery QLD)			
		018	Crestmead Perishable (QLD)			
		050	Blacktown Grocery (NSW)			
		069	Silverwater Perishable (NSW)			
		072	Moorebank Grocery (NSW)			
		077	Laverton Grocery (VIC)			
		078	Laverton Variety (VIC)			
		088	Laverton Perishable (VIC)			
		961	Kidman Park Grocery (SA)			
		962	Kidman Park Perishable (SA)			
		993	Canningvale Perishable (WA)			
		994	Canningvale Grocery (WA)			
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**R**
		Use code "9" for GLNs.				
		9	EAN (International Article Numbering association)			
		92	Assigned by buyer or buyer's agent			
C058		**NAME AND ADDRESS**		**C**		**X**

	3124	Name and address description	M	an..35	X
	3124	Name and address description	C	an..35	X
	3124	Name and address description	C	an..35	X
	3124	Name and address description	C	an..35	X
	3124	Name and address description	C	an..35	X
C080		PARTY NAME	C		X
	3036	Party name	M	an..35	X
	3036	Party name	C	an..35	X
	3036	Party name	C	an..35	X
	3036	Party name	C	an..35	X
	3036	Party name	C	an..35	X
	3045	Party name format code	C	an..3	X
C059		STREET	C		X
	3042	Street and number or post office box identifier	M	an..35	X
	3042	Street and number or post office box identifier	C	an..35	X
	3042	Street and number or post office box identifier	C	an..35	X
	3042	Street and number or post office box identifier	C	an..35	X
3164		CITY NAME	C	an..35	X
C819		COUNTRY SUB-ENTITY DETAILS	C		X
	3229	Country sub-entity name code	C	an..9	X
	1131	Code list identification code	C	an..17	X
	3055	Code list responsible agency code	C	an..3	X
	3228	Country sub-entity name	C	an..70	X
3251		POSTAL IDENTIFICATION CODE	C	an..17	X
3207		COUNTRY NAME CODE	C	an..3	X

Segment: **LOC** **Place/location identification**
Position: 0140
Group: Segment Group 2 (Name and address) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment giving more specific location information of the party specified in the NAD segment e.g. internal site/building number.
Notes: This Segment is used to indicate any location related to the party specified in the NAD Segment (NAD+ST).

Example:
LOC+7+010::92'
Delivery is to be made to dock 010.

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
3227		**LOCATION FUNCTION CODE QUALIFIER**		**M**	**an..3**	**M**
		7	Place of delivery			
			Used to identify the first delivery location, such as a dock number, if NAD DE 3035 = ST			
C517		**LOCATION IDENTIFICATION**		**C**		**R**
	3225	**Location name code**		**C**	**an..25**	**R**
		Dock number of delivery at Metcash DC specified in NAD segment with DE 3035=ST.				
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**R**
		92	Assigned by buyer or buyer's agent			
	3224	**Location name**		**C**	**an..256**	**X**
C519		**RELATED LOCATION ONE IDENTIFICATION**		**C**		**X**
	3223	**First related location name code**		**C**	**an..25**	**X**
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
	3222	**First related location name**		**C**	**an..70**	**X**
C553		**RELATED LOCATION TWO IDENTIFICATION**		**C**		**X**
	3233	**Second related location name code**		**C**	**an..25**	**X**
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
	3232	**Second related location name**		**C**	**an..70**	**X**
5479		**RELATION CODE**		**C**	**an..3**	**X**

Group: **CTA** **Segment Group 5: Contact information**

Position: 0220

Group: Segment Group 2 (Name and address) Conditional (Required)

Level: 2

Usage: Conditional (Optional)

Max Use: 5

Purpose: A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.

Notes: Contact details are provided for general enquiries related to the content of the purchase orders. Metcash suggests that these details be extracted and updated in the vendor's information system as these details may change from time to time.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0230	CTA	Contact information	M	1	
O	0240	COM	Communication contact	C	5	

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.
Notes: This segment is used to identify contact details for the Metcash Rebuyer.

Example:
CTA+PD+:JOHN SMITH'

Data Element Summary

Data Element	Component Element	Name	Base Attributes		User Attributes
3139		**CONTACT FUNCTION CODE**	**C**	**an..3**	**R**
		PD Purchasing contact			
C056		**DEPARTMENT OR EMPLOYEE DETAILS**	**C**		**R**
	3413	**Department or employee name code**	**C**	**an..17**	**O**
	3412	**Department or employee name**	**C**	**an..35**	**R**
		Name of Rebuyer contact or department.			

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

Notes: This segment identifies the communications number, and type of communications, for the person or department identified in the preceding CTA segment.

Example:
COM+02 8658-9494:TE'
COM+john.smith@Metcash.com:EM'

Data Element Summary

Data Element	Component Element	Name	Base Attributes		User Attributes
C076		**COMMUNICATION CONTACT**	**M**		**M**
	3148	**Communication address identifier**	**M**	**an..512**	**M**
	3155	**Communication address code qualifier**	**M**	**an..3**	**M**
		EM — Electronic mail E-mail address of the department or buying representative identified where available			
		FX — Fax Contact fax number of the department or buying representative identified.			
		TE — Telephone Contact phone number of the department or buying representative identified.			

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: The purchase order detail section comprises a repeating group of segments, always starting with the LIN segment. Usually each occurrence of LIN will correspond to a different product being ordered.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1040	LIN	Line item	M	1	
O	1050	PIA	Additional product id	C	25	
O	1060	IMD	Item description	C	99	
O	1070	MEA	Measurements	C	99	
R	1080	QTY	Quantity	C	99	
O	1110	DTM	Date/time/period	C	35	
	1320		Segment Group 32: Price details	C		25

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.
Notes: This segment is used to identify the item being ordered.

Use of a GTIN (Global Trade Item Number) to identify the product is the preferred approach. Where there is no GTIN for the item, the Metcash and vendor item reference number will be provided in the PIA segment in DE C212. The IMD segment will also be used to provide the associated product description.

Example:
LIN+1++19310246007861:SRV'
PIA+1+908734:IN'
PIA+1+472964:SA'
Line item 1 is identified by GTIN 19310246007861 as well as Metcash item number 908734 and vendor item number 472964.

LIN+2'
PIA+5+907835:IN'
PIA+5+322274:SA'
IMD+F++:::IGA PRODUCT 2'
Line item 2 has no GTIN, so is identified by the Metcash item number 907835, vendor item number 322274 and the description "IGA PRODUCT 2".

Data Element Summary

Data Element	Component Element	Name	Base Attributes		User Attributes
1082		**LINE ITEM IDENTIFIER**	**C**	**an..6**	**R**
		Application generated sequential line number of the ordered item. The line number must be unique within the current message and will reflect the exact sequence appearing in the buying application. The recipient may use the line number as a reference when enquiring about the order.			
1229		**ACTION REQUEST/NOTIFICATION DESCRIPTION CODE**	**C**	**an..3**	**X**
C212		**ITEM NUMBER IDENTIFICATION**	**C**		**D**
		This composite will only be used for the identification of GTINs. If another coding structure is required then this composite will not be used and the code will be detailed in the PIA segment.			
	7140	**Item identifier**	**C**	**an..35**	**R**
		GTIN - this is the number of the article being ordered.			
	7143	**Item type identification code**	**C**	**an..3**	**R**
		SRV EAN.UCC Global Trade Item Number			
	1131	**Code list identification code**	**C**	**an..17**	**X**
	3055	**Code list responsible agency code**	**C**	**an..3**	**X**
C829		**SUB-LINE INFORMATION**	**C**		**X**
	5495	**Sub-line indicator code**	**C**	**an..3**	**X**
	1082	**Line item identifier**	**C**	**an..6**	**X**
1222		**CONFIGURATION LEVEL NUMBER**	**C**	**n..2**	**X**
7083		**CONFIGURATION OPERATION CODE**	**C**	**an..3**	**X**

Segment: **PIA** **Additional product id**
Position: 1050
Group: Segment Group 28 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A segment providing either additional identification to the product specified in the LIN segment (e.g. Harmonized System number), or provides any substitute product identification.
Notes: This segment is used to specify additional identification of a product item on order, where applicable and available.

Examples:
PIA+1+908734:IN'
PIA+1+472964:SA'
Additional identifiers for the line item are Metcash item number 908734 and vendor item number 472964.

PIA+5+907835:IN'
PIA+5+322274:SA'
Identifiers for a line item with no GTIN are the Metcash item number 907835 and the vendor item number 322274.

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
4347		**PRODUCT IDENTIFIER CODE QUALIFIER**		**M**	**an..3**	**M**
		1	Additional identification			
			Used to provide an additional identity for the product identified in the LIN segment.			
		5	Product identification			
C212		**ITEM NUMBER IDENTIFICATION**		**M**		**M**
	7140	**Item identifier**		**C**	**an..35**	**R**
		The identification being provided for the product specified in this LIN segment group.				
	7143	**Item type identification code**		**C**	**an..3**	**R**
		IN	Buyer's item number			
			DE 7140 contains Metcash's item number for this product.			
		SA	Supplier's article number			
			DE 7140 contains the vendor's item number for this item.			
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
C212		**ITEM NUMBER IDENTIFICATION**		**C**		**O**
	7140	**Item identifier**		**C**	**an..35**	**R**
	7143	**Item type identification code**		**C**	**an..3**	**R**
		IN	Buyer's item number			
		SA	Supplier's article number			
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
C212		**ITEM NUMBER IDENTIFICATION**		**C**		**X**
	7140	**Item identifier**		**C**	**an..35**	**X**
	7143	**Item type identification code**		**C**	**an..3**	**X**
	1131	**Code list identification code**		**C**	**an..17**	**X**
	3055	**Code list responsible agency code**		**C**	**an..3**	**X**
C212		**ITEM NUMBER IDENTIFICATION**		**C**		**X**
	7140	**Item identifier**		**C**	**an..35**	**X**
	7143	**Item type identification code**		**C**	**an..3**	**X**
	1131	**Code list identification code**		**C**	**an..17**	**X**

	3055	**Code list responsible agency code**	**C**	**an..3**	**X**
C212		**ITEM NUMBER IDENTIFICATION**	**C**		**X**
	7140	**Item identifier**	**C**	**an..35**	**X**
	7143	**Item type identification code**	**C**	**an..3**	**X**
	1131	**Code list identification code**	**C**	**an..17**	**X**
	3055	**Code list responsible agency code**	**C**	**an..3**	**X**

Segment: **IMD** **Item description**
Position: 1060
Group: Segment Group 28 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
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.
Notes: This segment is used to provide free form text to describe the current line item. In the case where there is no GTIN available for the item, the Metcash and vendor item numbers will be provided in the PIA segment. The IMD segment will be used to provide complementary product description.

Example:
IMD+F++:::IGA PRODUCT 1'

Data Element Summary

Data Element	Component Element	Name	Base Attributes		User Attributes
7077		**DESCRIPTION FORMAT CODE**	**C**	**an..3**	**R**
		F Free-form			
C272		**ITEM CHARACTERISTIC**	**C**		**X**
	7081	**Item characteristic code**	**C**	**an..3**	**X**
	1131	**Code list identification code**	**C**	**an..17**	**X**
	3055	**Code list responsible agency code**	**C**	**an..3**	**X**
C273		**ITEM DESCRIPTION**	**C**		**R**
	7009	**Item description code**	**C**	**an..17**	**X**
	1131	**Code list identification code**	**C**	**an..17**	**X**
	3055	**Code list responsible agency code**	**C**	**an..3**	**X**
	7008	**Item description**	**C**	**an..256**	**R**
	7008	**Item description**	**C**	**an..256**	**X**
	3453	**Language name code**	**C**	**an..3**	**X**
7383		**SURFACE OR LAYER CODE**	**C**	**an..3**	**X**

Segment: **MEA** **Measurements**
Position: 1070
Group: Segment Group 28 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment enabling the physical measurements of the ordered item to be specified where this is required for full identification of the product. Any measurements must refer to the product in its unpacked form e.g. thickness of plastic film, length, weight, etc.
Notes: This segment must be used in conjunction with the LIN segment to provide pallet configuration of the ordered product.

If DE 6411 = LAY, DE 6314 contains the number of layers on a pallet.
If DE 6411 = ULY, DE 6314 contains the number of dispatch units on a pallet layer.

Example:
MEA+PD+ULY+NAR:24'
The number of cartons on a pallet layer is 24.

MEA+PD+LAY+NAR:6'
The number of layers on a pallet is 6.

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
6311		**MEASUREMENT PURPOSE CODE QUALIFIER**		**M**	**an..3**	**M**
		PD	Physical dimensions (product ordered)			
			Specified measurement dimensions refer to physical dimensions of a product, material or package.			
C502		**MEASUREMENT DETAILS**		**C**		**R**
	6313	**Measured attribute code**		**C**	**an..3**	**R**
		Codes used by Metcash for specifying pallet configuration.				
		LAY	Number of layers (EAN Code)			
		ULY	Number of units per layer (EAN Code)			
	6321	**Measurement significance code**		**C**	**an..3**	**X**
	6155	**Non-discrete measurement name code**		**C**	**an..17**	**X**
	6154	**Non-discrete measurement name**		**C**	**an..70**	**X**
C174		**VALUE/RANGE**		**C**		**R**
	6411	**Measurement unit code**		**M**	**an..3**	**M**
		NAR	number of articles			
	6314	**Measurement value**		**C**	**an..18**	**R**
	6162	**Range minimum value**		**C**	**n..18**	**X**
	6152	**Range maximum value**		**C**	**n..18**	**X**
	6432	**Significant digits quantity**		**C**	**n..2**	**X**
7383		**SURFACE OR LAYER CODE**		**C**	**an..3**	**X**

Segment: **QTY** **Quantity**
Position: 1080
Group: Segment Group 28 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 99
Purpose: A segment identifying the product quantities e.g. ordered quantity.
Notes: This segment is used to specify the total quantity ordered and number of consumer units in each ordered unit for the current line identified in the LIN segment.

Example:
QTY+21:78'
The quantity ordered for line is 78.

QTY+59:8'
The number of consumer units in the traded unit is 8.

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C186		**QUANTITY DETAILS**		**M**		**M**
	6063	**Quantity type code qualifier**		**M**	**an..3**	**M**
		21	Ordered quantity			
			Required: Ordered quantity for the item based upon agreed order multiple and minimum amount.			
		59	Number of consumer units in the traded unit			
			Optional: Total number of consumer units within the ordered unit.			
	6060	**Quantity**		**M**	**an..35**	**M**
	6411	**Measurement unit code**		**C**	**an..3**	**O**
		This DE is only used if the product ordered is a variable quantity product.				
		KGM	kilogram			

Segment: **DTM** **Date/time/period**
Position: 1110
Group: Segment Group 28 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 35
Purpose: A segment specifying date/time/period details relating to the line item only.
Notes: This segment is to be used to specify the minimum shelf life associated with the currently identified product.

Example:
DTM+364:20070910:102'

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C507		**DATE/TIME/PERIOD**		**M**		**M**
	2005	**Date or time or period function code qualifier**		**M**	**an..3**	**M**
		364	Minimum shelf life remaining at time of despatch period			
	2380	**Date or time or period value**		**C**	**an..35**	**R**
	2379	**Date or time or period format code**		**C**	**an..3**	**R**
		102	CCYYMMDD Used for shelf life to identify the earliest date for the expiry of the shelf life.			
		802	Month Used for shelf life to define the minimum length of the shelf life in months.			
		803	Week Used for shelf life to define the minimum length of the shelf life in weeks.			
		804	Day Used for shelf life to define the minimum length of the shelf life in days.			

Group: **PRI** **Segment Group 32: Price details**
Position: 1320
Group: Segment Group 28 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 25
Purpose: A group of segments identifying the relevant pricing information for the goods or services ordered.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1330	PRI	Price details	M	1	

Segment: **PRI** **Price details**
Position: 1330 (Trigger Segment)
Group: Segment Group 32 (Price details) Conditional (Optional)
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'.
Notes: This segment details the order price for the current item identified in the LIN segment.
The calculation price detailed in the Purchase Order will always be Net Unit Price (including GST), i.e. Gross Price + Charges - Allowances.

Example:
PRI+1E:19.78'
The price of the item is $19.78

Data Element Summary

Data Element	Component Element	Name	Base Attributes		User Attributes
C509		**PRICE INFORMATION**	**C**		**R**
	5125	**Price code qualifier**	**M**	**an..3**	**M**
		1E Calculation net - including taxes (EAN Code) The price stated is the net price including allowances and charges, AND including taxes.			
	5118	**Price amount**	**C**	**n..15**	**R**
	5375	**Price type code**	**C**	**an..3**	**X**
	5387	**Price specification code**	**C**	**an..3**	**X**
	5284	**Unit price basis value**	**C**	**n..9**	**X**
	6411	**Measurement unit code**	**C**	**an..3**	**X**
5213		**SUB-LINE ITEM PRICE CHANGE OPERATION CODE**	**C**	**an..3**	**X**

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.
Notes: This segment is used to separate the detail and summary sections of the ORDERS message.

Example:
UNS+S'

Data Element Summary

Data Element	Component Element	Name	Base Attributes	User Attributes
0081		**SECTION IDENTIFICATION**	**M a1**	**M**
	S	Detail/summary section separation		

Segment: **MOA** **Monetary amount**
Position: 2340
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 99
Purpose: A segment giving the total amounts for the whole order message.
Notes: This segment provides calculated monetary total amount for the order.

Example:
MOA+86:8736.94'
Total value of this purchase order, inclusive of GST, is 8,736.94.

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C516		**MONETARY AMOUNT**		**M**		**M**
	5025	**Monetary amount type code qualifier**		**M**	**an..3**	**M**
		86	Message total monetary amount The total amount is the total amount of the purchase order inclusive of taxed items and items that are exempted from GST.			
	5004	**Monetary amount**		**C**	**n..35**	**R**
	6345	**Currency identification code**		**C**	**an..3**	**X**
	6343	**Currency type code qualifier**		**C**	**an..3**	**X**
	4405	**Status description code**		**C**	**an..3**	**X**

Segment: **CNT** **Control total**
Position: 2350
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A segment by which control totals may be provided by the sender for checking by the receiver.

Notes: This segment provides message control totals.

If DE 6069 = '1', the value in DE 6066 will be the sum of all the values of DE 6060 in the QTY segments at LIN level.

Example:
CNT+2:4'
There are 4 line items included in this order (i.e. LIN segments in this message).

Data Element Summary

Data Element	Component Element	Name		Base Attributes		User Attributes
C270		**CONTROL**		**M**		**M**
	6069	**Control total type code qualifier**		**M**	**an..3**	**M**
		When using code '1', the value expressed in data element 6066 will be the addition of all the values of data element 6060 at LIN level.				
		1	Total value of the quantity segments at line level in a message			
		2	Number of line items in message			
			Total count of LIN segments, representing the number of line items being ordered.			
	6066	**Control total value**		**M**	**n..18**	**M**
	6411	**Measurement unit code**		**C**	**an..3**	**X**

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

Example:
UNT+39+0001'
There are 39 segments in the message, i.e. from the UNH segment to the UNT segment inclusively.

Data Element Summary

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

Segment: **UNZ** **Interchange trailer**
Position: 2410
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange.
Notes: The UNZ segment marks the end of the interchange.

Example:
UNZ+1+2340'
Where 2340 is the Interchange control reference from UNB Segment.

Data Element Summary

Data Element	Component Element	Name	Base Attributes		User Attributes
0036		**INTERCHANGE CONTROL COUNT**	**M**	**n..6**	**M**
		Number of messages or functional groups within the interchange.			
0020		**INTERCHANGE CONTROL REFERENCE**	**M**	**an..14**	**M**
		Identical to DE 0020 in the UNB Segment.			

Appendix 1- Metcash EDI Profile

Interchange Details

Network Used	GXS Global EDI VAN
EDI Interchange ID	9377777130737 (Production)
EDI Interchange ID	9377777130740 (Test)
Network Used	AS2 Connectivity - Please contact Metcash for details
EDI Interchange ID	9377777130737

Metcash EDI Contact

Kamlesh Lal
(03) 8368-6015
kamlesh.lal@metcash.com

Appendix 2 – Sample Metcash Orders

Sample 1.

```
UNA:+.? '
UNB+UNOC:3+9377777130737:14:077+9310062000001:14+060823:1144+24++++1'
UNH+0001+ORDERS:D:01B:UN:EAN10'
BGM+220+0221331+9'
DTM+137:20060821:102'
DTM+2:200608241030:203'
NAD+BY+9310246007123::9'
NAD+SU+9310062000001::9'
NAD+ST+100::92'
LOC+7+100::92'
LIN+1++19300667028774:SRV'
QTY+21:192'
PRI+1E:17.299'
LIN+2++19300667022413:SRV'
QTY+21:216'
PRI+1E:17.299'
LIN+3++19300667006901:SRV'
QTY+21:192'
PRI+1E:17.299'
UNS+S'
CNT+1:600'
CNT+2:3'
UNT+21+0001'
UNZ+1+24'
```

Sample 2.

```
UNA:+.? '
UNB+UNOC:3+9377777130737:14:077+9310062000001:14+080829:0913+326++++1'
UNH+0001+ORDERS:D:01B:UN:EAN010'
BGM+220+4500212406+9'
DTM+137:20080829:102’
DTM+2:200809221415:203'
RFF+AAN:652744'
NAD+BY+9310246007123::9'
CTA+PD+:ALEX DONOVAN'
COM+02 3480 7722:TE'
COM+02 3205 8588:FX'
NAD+SU+9377778023205::9'
NAD+ST+9327303031205::9’
LIN+1++9313857107299:SRV'
PIA+1+0555:IN'
PIA+1+11111:SA'
QTY+21:31'
PRI+1E:34.83’
LIN+2++9313857107305:SRV'
PIA+1+0583:IN'
PIA+1+10152:SA'
QTY+21:15'
PRI+1E:34.83'
UNS+S'
MOA+79:1602.18'
CNT+1:46'
CNT+2:2'
UNT+26+0001'
UNZ+1+326'
```