



INVOIC Message - EANCOM 2002

Version: 1.7

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**Invoice Message
Implementation Guideline**

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

Introduction

This document contains the Message Implementation Guidelines (MIG) for Metcash Invoice Message. These MIGs are based on EANCOM 2002 Guideline using UN/EDIFACT Directory D.01B.

Metcash will return a CONTRL message within 3 hours of receiving the Invoice, acknowledging its receipt.

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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 Invoice 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.



www.gs1au.org
1300 366 033

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.

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Change Control

| Date | Version | Comments |
|--------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Jun-16 | 1.7 | Updated Interchange Control Reference in UNB segment (DE 0020) and Message Reference Number (DE 0062) to Numeric with 9 digits in length |
| Feb-14 | 1.6 | Documentation updated to include specific details for Metcash's IGA Fresh (IGF) EDI Invoice implementation. As IGF uses a stand-alone invoicing process, which does not rely on the use of preceding EDI Messages (PO, POA & ASN), some requirements and business rules vary from the standard Metcash IGA / Supermarkets implementation. |
| Jan-14 | 1.5 | Clarified information required regarding GTIN number in LIN segment. The GTIN number must match with those included in the purchase order (e.g. including leading zero if it is present on EDI PO). |
| Jun-13 | 1.4 | Clarified alignment between Summary Data Content (page 6, 9) and Detailed Data Content for the following segments: RFF+AAK, NAD+BY, PIA, IMD, MEA (removed). Invoice Number Max Length - Note added that max length Metcash can handle for Invoice No. (BGM) = 10 characters Sample Files - Updated to reflect all of the above changes |
| Apr-13 | 1.3 | PO Net Price - Clarified in business rules that total calculations are based on PO Net Price (exclusive of GST) Pack Size Usage - Clarified Pack Size, ie. Number of Consumer Units in a Traded Unit (QTY+59) segment is optional for Metcash Qualifier ZZ vs 14 (UNB) - Re-word to define that whatever Qualifier is received on Metcash PO is the Qualifier required on all subsequent docs Reverse Routing (UNB) - Changed requirement for Reverse Routing on all Inbound documents to be Optional (O) as it is not required by Metcash Sample Files - Updated to reflect all of the above changes Contact Details - Correction to the Metcash eBusiness Team email address |
| Feb-13 | 1.2 | Updated MIG example EDI invoice with sample from Metcash CMT environment |
| Dec-12 | 1.1 | MIG document reviewed prior to Metcash eTrade project implementation Business Rules updated to describe Metcash invoice matching details Contact details updated |
| Nov-08 | 1.0 | Release version with updated compliance statement & minor QA edits Include DE 6411 is PRI segment |
| Nov-08 | Draft 0.4 | Included summary of data content Changed status of 0008 in UNB from R to O Minor corrections to examples |
| Nov-08 | Draft 0.3 | Added condition to UNB note restricting allowed character set. Removed location codes from Appendix. |
| Oct-08 | Draft 0.2 | Clarified and updated Business Rules Updated examples in segment notes. Updated examples in segment notes. |

| | | |
|--------|-----------|-----------------------------------------------------------------------|
| | | In NAD SG2, DE 3039, updated Metcash DC list. |
| | | In PIA SG26, DE 4347, added code 5 "Product Identification". |
| Aug-08 | Draft 0.1 | Initial Release based on Australian Retail Industry MIG - EANCOM 2002 |

Business and Implementation Rules

This section describes how electronic invoices (INVOIC 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. If the supplier does not receive a Functional Acknowledgment (FA) from Metcash after sending a message, the supplier must follow through with Metcash to resolve the problem.

Invoice

Overview

1. One eInvoice is required for each delivery, ie. One eInvoice message per ASN message.
2. As part of the eTrade project, Metcash is implementing an automated Accounts Payable eInvoice matching process that will result in faster handling of supplier invoices. However, for an eInvoice to be auto-matched it must pass through stringent validation. If the document fails at any point in the validation, the eInvoice will need to be manually matched and processed by Metcash Accounts Payable using the traditional manual process.
3. As Metcash will be auto-matching eInvoices for payment based on the rules described below, any variation from the ideal Price/QTY/Total match described above may result in a Claim being raised against the eInvoice by Metcash.
4. Once a supplier transitions to eInvoices, paper invoices with goods will not be required. Note: Paper PODs (Proof of Delivery) are still required and may be in the form of a Delivery Docket, Consignment Note, etc.

Validations

1. eInvoices will fail the AP auto-matching process if any of the following Header level validation rules are not met:
 - a. The ABN number is not included on the eInvoice or does not match the Metcash Vendor system records.
 - b. The eInvoice is a duplicate of an eInvoice already accepted and processed. A duplicate eInvoice is defined as having the same: Invoice Number, Vendor Number and PO Number.
 - c. If the PO Number is not included on the eInvoice or does not match the original Metcash Purchase Order.
 - d. The Vendor Number is not included on the eInvoice or does not match the Vendor Number on the original Metcash Purchase Order.
 - e. The ASN number is not included on the eInvoice or the ASN has not had stock receipted against it by Metcash.
 - f. The Delivery Location is not included on the eInvoice or does not match the original Metcash Purchase Order.
 - g. If the eInvoice Total does not match the expected Total based on Metcash's calculation of:

Sum of All Lines Items Values as calculated by PO Net Price (exclusive of GST) x Goods Receipt QTY

2. Invoices will fail the AP auto-matching process if any of the following Line Item level validation rules are not met:
 - a. If invoice Quantity does not equal ASN Quantity.
 - b. If invoice Quantity does not equal Goods Receipt Quantity.
 - c. If invoice Price does not equal PO Price.
 - d. If invoice Price does not equal POA Price.
 - e. If any line item on the invoice does not have a valid GTIN.
 - f. If any line item on the invoice has a GTIN that does not match the ASN.
 - g. If any line item on the invoice has a GST rate that does not match the Metcash Item system records.
3. In summary, Metcash is validating the invoice at 3 distinct points:
 - Price:** PO = POA = invoice
 - Quantity:** ASN = Goods Receipt = invoice
 - Total:** invoice Total = Sum of all Line Values as calculated by PO Net Price (exclusive of GST) x Goods Receipt QTY

IGA Fresh

1. IGA Fresh (IGF) refers specifically to deliveries made into the IGA Fresh National DC network. This is distinct from our Grocery, Perishables (Chilled & Frozen) and ALM DC network and is generally used only for fresh fruit & vegetables, meat & poultry.
2. The IGA Fresh invoicing implementation is stand-alone and does not require preceding Purchase Order (PO), Purchase Order Acknowledgement (POA) or Advance Shipping Notice (ASN) messages. As a result, many of the business rules described above (ie. All of those relating to other EDI messages) do not apply in the same way to IGA Fresh invoices.
3. Matching of invoices for IGA Fresh is done by:
 - Price:** IGF PO = invoice
 - Quantity:** IGF Goods Receipt = invoice (Note: QTY may be by Carton or KG)
 - Total:** invoice Total = Sum of all Line Values as calculated by PO Net Price (exclusive of GST) x Goods Receipt QTY

Exception Handling

1. For any invoice failing to meet all of the Header or Line level validations, a system generated email will also be sent to Suppliers for invoice exceptions identifying the details and reason for failing the AP auto-matching process.
2. If the document fails at any point in the validation, the invoice will need to be manually matched and processed by Metcash Accounts Payable using the traditional manual process.

Summary: Data Content

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

| Header Section | | | | |
|-----------------|---------|-----------|-------|-------------------------------------------------------------------------|
| Segment | Element | Format | Usage | Field Name / Description |
| BGM | 1001 | code list | R | Message type as 388 = Tax Invoice |
| | 1000 | an..35 | R | Text literal: "TAX INVOICE" |
| | 1004 | an..35 | R | Tax Invoice Number |
| | 1225 | code list | R | Original or Duplicate function |
| DTM | 2380 | date | R | Invoice Date (2005 = 137) |
| RFF | 1154 | an..70 | R | Purchase Order Number (1153 = ON) |
| | | | R* | Despatch Advice Number (1153 = AAK) |
| | | | O | Shipment Reference Number (1153 = SRN) |
| DTM | 2380 | date | R* | Despatch Advice Date (2005 = 171) |
| NAD | 3039 | an..35 | R | Buyer Identifier (Metcash Trading GLN) (3035 = BY) |
| | | | R | Supplier Identifier (Metcash assigned Vendor Number) (3035 = SU) |
| | | | R | Ship To Location Identifier (Metcash GLN DC Number) (3035 = ST) |
| RFF | 1154 | an..70 | R | Buyer and Supplier ABN |
| 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 | Supplier's item number (7143 = SA) |
| IMD | 7008 | an..256 | R | Item description |
| QTY | 6060 | an..35 | R | Invoiced quantity (6063 = 47) |
| | | | O | Consumer units in traded unit (6063 = 59) |
| | 6411 | code list | D | Ordered unit of measure (e.g. kg) |
| MOA | 5004 | an..3 | R | Line item value ex GST (5025 = 128) |
| | | | R | Line item value inc GST (5025 = 203) |
| | | | R | Line item GST amount (5025 = 369) |
| PRI | 5118 | n..15 | R | Net unit price (including GST) |
| Summary Section | | | | |
| CNT | 6066 | n..18 | O | Total number of line items in message (6069 = 2) |
| MOA | 5004 | n..35 | R | Total invoice amount ex GST (5025 = 128) |
| | | | R | Total invoice amount inc GST (5025 = 39) |
| | | | R | Total invoice GST amount (5025 = 369) |

* Segment is (O)ptional for IGF elInvoice

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 Hardware) or the electronic EDI business *messages* themselves. Each business message begins with a header “UNH” segment and terminates with a 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*.

Base Status/Attributes:

- M - Mandatory: this segment/element must always be sent¹
- 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.

INVOIC Invoice message

| <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Base Guide</u> | <u>User Status</u> | <u>Max.Use</u> | <u>Group Repeat</u> | <u>Notes and Comments</u> |
|-----------------|----------------|---------------------------------------------|-------------------|--------------------|----------------|---------------------|---------------------------|
| 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 | | |
| 0120 | | Segment Group 1: RFF-DTM | C | R | | 99999 | |
| 0130 | RFF | Reference | M | M | 1 | | |
| 0140 | DTM | Date/time/period | C | D | 5 | | |
| 0220 | | Segment Group 2: NAD-SG3 | C | R | | 99 | |
| 0230 | NAD | Name and address | M | M | 1 | | |
| 0270 | | Segment Group 3: RFF | C | R | | 9999 | |
| 0280 | RFF | Reference | M | M | 1 | | |
| 1090 | | Segment Group 26: LIN-PIA-IMD-QTY-SG27-SG29 | C | R | | 9999999 | |
| 1100 | LIN | Line item | M | M | 1 | | |
| 1110 | PIA | Additional product id | C | O | 25 | | |
| 1130 | IMD | Item description | C | R | 99 | | |
| 1150 | QTY | Quantity | C | R | 5 | | |
| 1250 | | Segment Group 27: MOA | C | R | | 99 | |
| 1260 | MOA | Monetary amount | M | M | 1 | | |
| 1330 | | Segment Group 29: PRI | C | R | | 25 | |
| 1340 | PRI | Price details | M | M | 1 | | |
| 2170 | UNS | Section control | M | M | 1 | | |
| 2180 | CNT | Control total | C | O | 10 | | |
| 2190 | | Segment Group 50: MOA | M | M | | 100 | |
| 2200 | MOA | Monetary amount | M | M | 1 | | |
| 2320 | UNT | Message trailer | M | M | 1 | | |
| 2330 | UNZ | Interchange trailer | M | M | 1 | | |

Segment: **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

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | | | <u>User Attributes</u> |
|---------------------|--------------------------|----------------------------------|------------------------|---|-----|------------------------|
| 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: All messages implemented based on EANCOM 2002 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+9300614000009:14+060412:1015+2340++++1'
DE 0008 may be used by Metcash to identify the state of the order origin.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| S001 | | SYNTAX IDENTIFIER | M | M |
| | 0001 | Syntax identifier | M a4 | M |
| | | UNOC UN/ECE level C | | |
| | 0002 | Syntax version number | M n1 | M |
| | | 3 Version 3 | | |
| S002 | | INTERCHANGE SENDER | M | M |
| | 0004 | Sender identification | M an..35 | M |
| | 0007 | Partner identification code qualifier | C an..4 | O |
| | | 14 EAN International | | |
| | | ZZ Mutually defined | | |
| | 0008 | Address for reverse routing | C an..14 | O |
| S003 | | INTERCHANGE RECIPIENT | M | M |
| | 0010 | Recipient identification | M an..35 | M |
| | | 9377777130737 Metcash production sender id | | |
| | | 9377777130740 Metcash test sender id | | |
| | 0007 | Partner identification code qualifier | C an..4 | O |
| | | 14 EAN International | | |
| | | ZZ Mutually defined | | |
| | | The Partner identification code qualifier sent on the Purchase Order (ORDERS) should match the Partner identification code qualifier returned on the INVOIC | | |
| | 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 n9 | 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 | O |
| 0032 | | COMMUNICATIONS AGREEMENT ID | C an..35 | X |
| 0035 | | TEST INDICATOR | C n1 | O |

Used to indicate that the message is sent for test purposes only and should be disregarded by the recipient if the message is flagged as test.

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

Data Element Summary

| Data Element | Component Element | Name | Base Attributes | User Attributes |
|--------------|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|
| 0062 | | MESSAGE REFERENCE NUMBER | M n9 | M |
| | | Sequence number of the message in the interchange. DE 0062 in the UNH segment will be exactly the same as in the UNT segment. Sender generated commencing at 1 for the first message in an interchange. | | |
| S009 | | MESSAGE IDENTIFIER | M | M |
| | 0065 | Message type INVOIC Invoice message | M an..6 | M |
| | 0052 | Message version number D Draft version/UN/EDIFACT Directory | M an..3 | M |
| | 0054 | Message release number 01B Release 2001 - B | M an..3 | M |
| | 0051 | Controlling agency UN UN/CEFACT | M an..2 | M |
| | 0057 | Association assigned code EAN010 EAN version control number (EAN Code) | C an..6 | R |
| | | <i>Indicates that the message is the EANCOM version 010 of the UNSM Invoice.</i> | | |
| 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 invoice by means of its type and number and when necessary its function.
Notes: Example:
 BGM+388:::TAX INVOICE+70041234+9'
 An original transmission of tax invoice number 70041234.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| C002 | | DOCUMENT/MESSAGE NAME | C | R |
| | 1001 | Document name code | C an..3 | R |
| | | 388 Tax invoice | | |
| | 1131 | Code list identification code | C an..17 | X |
| | 3055 | Code list responsible agency code | C an..3 | X |
| C106 | 1000 | Document name | C an..35 | R |
| | | Required: Literal text value "TAX INVOICE" | | |
| | | DOCUMENT/MESSAGE IDENTIFICATION | C | R |
| | 1004 | Document identifier | C an..35 | R |
| | | Invoice number assigned by document sender (Vendor). Must always be unique. Note: Metcash ERP system currently only caters for max Invoice Number length of 10-characters. If your Invoice Number length is greater than 10-characters (excluding leading-zero's), please advise your Metcash eBusiness Vendor Engagement team member. | | |
| | 1056 | Version identifier | C an..9 | X |
| | 1060 | Revision identifier | C an..6 | X |
| 1225 | | MESSAGE FUNCTION CODE | C an..3 | R |
| | 7 | Duplicate | | |
| | | Use to indicate that this message is a re-transmission without any change to the content in the original transmission. | | |
| | 9 | Original | | |
| | | An original transmission of the message. | | |
| 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 invoice date. Examples of the use of this DTM segment is: "shipped on date" or "delivery date".

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

Notes: Example:
 DTM+137:200810170830:203'
 The invoice (this message) was created at 8:30 AM on October 17, 2008

Note that the invoice date must not be a future date.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|-------------------------------------------------------------------------|------------------------|------------------------|
| C507 | | DATE/TIME/PERIOD | M | M |
| | 2005 | Date or time or period function code qualifier 137 | M an..3 | M |
| | | Document/message date/time Date and time when the invoice is raised. | | |
| | 2380 | Date or time or period value | C an..35 | R |
| | 2379 | Date or time or period format code 203 | C an..3 | R |
| | | CCYYMMDDHHMM | | |

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

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 | 0130 | RFF | Reference | M | 1 | |
| D | 0140 | DTM | Date/time/period | C | 5 | |

Segment: **RFF** Reference
Position: 0130 (Trigger Segment)
Group: Segment Group 1 (Reference) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and, where appropriate, a line number within a document.
Notes: This segment is used to specify references which relate to the whole Invoice, for example, Purchase Order Numbers, Delivery Numbers, etc.

Examples:
 RFF+AAK:ASN20081011'
 Reference to despatch advice number ASN20081011.

 RFF+SRN:MET20080930'
 Reference to Shipment Reference number MET20080930.

 RFF+ON:07359838'
 Reference to purchase order number 07359838.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|---------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| C506 | 1153 | REFERENCE Reference code qualifier | M M an..3 | M R* |
| | | AAK | | Despatch advice (ASN) number Required: Vendor's Despatch Advice Number (ASN Number). If the Vendor has agreed to send an ASN to Metcash, then the ASN Number must be provided in the Invoice. Note: Each Invoice message can have reference to only one Despatch Advice (ASN) Number. |
| | | ON | | * Despatch Advice (ASN) Number is optional for IGF eInvoice Order number (buyer) Required: A valid Purchase Order Number as shown in the original purchase order from Metcash. Note: Each Invoice message can have reference to only one Purchase Order Number. |
| | | SRN | | Shipment reference number Optional: Reference number assigned by the vendor to a particular shipment used to trace a shipment of one or more purchase orders and by the vendor for proof of delivery. Note: Each Invoice message can have reference to only one Shipment Reference Number. |
| | 1154 | Reference identifier | C an..70 | R |
| | 1156 | Document line identifier | C an..6 | X |
| | 4000 | Reference version identifier | C an..35 | X |
| | 1060 | Revision identifier | C an..6 | X |

Segment: **DTM** Date/time/period
Position: 0140
Group: Segment Group 1 (Reference) Conditional (Required)
Level: 2
Usage: Conditional (Dependent)
Max Use: 5
Purpose: A segment specifying the date/time related to the reference.
Notes: This segment must be used when RFF DE 1153 = AAK to provide the date of the despatch advice.

Example:

DTM+171:200810101430:203'

Date and time of despatch advice was 2:30 pm on 10 October 2008.

* Date and Time of Despatch Advice (ASN) is optional for IGF invoice

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|---------------------------------------------------------------------------|------------------------|------------------------|
| C507 | | DATE/TIME/PERIOD | M | M |
| | 2005 | Date or time or period function code qualifier 171 Reference date/time | M an..3 | D* |
| | 2380 | Date or time or period value | C an..35 | D |
| | 2379 | Date or time or period format code 203 CCYYMMDDHHMM | C an..3 | D |

Group: **NAD** Segment Group 2: Name and address
Position: 0220
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 99
Purpose: A group of segments identifying the parties with associated information.
Notes: The NAD segment is used to identify the trading parties involved.

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 | 0230 | NAD | Name and address | M | 1 | |
| | 0270 | | Segment Group 3: Reference | C | | 9999 |

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

Notes: Examples:
 NAD+BY+9377777130737::9'
 NAD+SU+1116124::92'
 Vendor identified by Metcash assigned number 1116124
 NAD+ST+9377779193709::9'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|-----------------------------------------------------------------------------------------|------------------------|------------------------|
| 3035 | | PARTY FUNCTION CODE QUALIFIER Buyer, Supplier and Ship To are mandatory. | M an..3 | M |
| | | BY Buyer Required: Used to identify the buyer responsible for this order. | | |
| | | ST Ship to Required: Metcash GLN delivery destination code. | | |
| | | SU Supplier Required: Metcash assigned Vendor number as shown in the purchase order. | | |
| C082 | | PARTY IDENTIFICATION DETAILS | C | C |
| | 3039 | Party identifier Required: Identifier for party as specified in DE 3035. | M an..35 | M |
| | 1131 | Code list identification code | C an..17 | X |
| | 3055 | Code list responsible agency code | C an..3 | R |
| | | 9 EAN (International Article Numbering association) Use only if DE 3039 is a GLN. | | |
| | | 92 Assigned by buyer or buyer's agent Use if DE 3039 is assigned by Metcash. | | |
| 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 | C an..35 | X |

| | | | | | |
|------|------|-------------------------------------------------|---|--------|---|
| | | identifier | | | |
| | 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 |

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

Segment Summary

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

Segment: **RFF** Reference
Position: 0280 (Trigger Segment)
Group: Segment Group 3 (Reference) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the reference by its number and, where appropriate, a line number within a document.
Notes: Buyer's and Vendor's Australian Business Numbers are mandatory fields to be included in the Invoice for the Australian Taxation Office.
 Example:
 RFF+XA:61000031569'
 ABN number of party identified in the previous NAD segment is 61000031569.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| C506 | | REFERENCE | M | M |
| | 1153 | Reference code qualifier XA Company/place registration number ABN for the party identified in the preceding NAD segment. | M an..3 | M |
| | 1154 | Reference identifier | C an..70 | R |
| | 1156 | Document line identifier | C an..6 | X |
| | 4000 | Reference version identifier | C an..35 | X |
| | 1060 | Revision identifier | C an..6 | X |

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

Notes: The LIN segment signifies the beginning of the detail section of the Invoice message. The detail section is formed by a repeating group of segments, always starting with a LIN segment.

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 | 1100 | LIN | Line item | M | 1 | |
| O | 1110 | PIA | Additional product id | C | 25 | |
| R | 1130 | IMD | Item description | C | 99 | |
| R | 1150 | QTY | Quantity | C | 5 | |
| | 1250 | | Segment Group 27: Monetary amount | C | | 99 |
| | 1330 | | Segment Group 29: Price details | C | | 25 |

Segment: **LIN** Line item
Position: 1100 (Trigger Segment)
Group: Segment Group 26 (Line item) Conditional (Required)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced. Other product identification numbers, e.g. Buyer product number etc., can be specified within the following PIA segment.
Notes: Example:
 LIN+1++19310246001326:SRV'
 This line concerns the item with the GTIN 19310246001326.

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 invoiced item. The line number must be unique within the current message and must start from 1. | | |
| 1229 | | ACTION REQUEST/NOTIFICATION DESCRIPTION CODE | C an..3 | X |
| C212 | | ITEM NUMBER IDENTIFICATION | C | D |
| | | This composite is only used for the identification of EAN/UPC codes. If another coding structure is required this composite will not be used and the code will be detailed in the PIA segment. | | |
| | 7140 | Item identifier | C an..35 | R |
| | | The item identifier 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 shipment. The GTIN number must match with those included in the purchase order (e.g. including leading zero if it is present on EDI PO). | | |
| | 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: 1110
Group: Segment Group 26 (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: Example:
 PIA+1+346812:SA'
 Supplier's article number is 346812.

Data Element Summary

| Data Element | Component Element | Name | Base Attributes | User Attributes |
|--------------|-------------------|---------------------------------------------------------------------------------------|-----------------|-----------------|
| 4347 | | PRODUCT IDENTIFIER CODE QUALIFIER | M an..3 | O |
| | 1 | Additional identification | | |
| | | Used to provide an additional identity for the product identified in the LIN segment. | | |
| | 5 | Product identification | | |
| C212 | 7140 | ITEM NUMBER IDENTIFICATION | M | O |
| | | Item identifier | C an..35 | O |
| | | Used to provide additional information for the product identified in the LIN segment. | | |
| | 7143 | Item type identification code | C an..3 | O |
| | | SA Supplier's article number | | |
| | | Used to provide the Vendor's own reference to an item ordered. | | |
| | 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: 1130
Group: Segment Group 26 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 99
Purpose: A segment for describing the product or service being invoiced 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: Example:
 IMD+F+:::IGA PRODUCT 5'

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|----------------------------------------|------------------------|------------------------|
| 7077 | | DESCRIPTION FORMAT CODE F Free-form | C an..3 | R |
| 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: **QTY** Quantity
Position: 1150
Group: Segment Group 26 (Line item) Conditional (Required)
Level: 2
Usage: Conditional (Required)
Max Use: 5
Purpose: A segment identifying the product quantities e.g. invoiced quantity.
Notes: This segment is used to specify quantities related to the current line item.
 Note that the merchandise with variable weight values expressed to 3 decimal points.

 Example:
 QTY+47:72'
 The quantity invoiced for line is 72.

 QTY+59:12'
 Number of consumer units in the traded unit is 12.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| C186 | | QUANTITY DETAILS | M | M |
| | 6063 | Quantity type code qualifier | M an..3 | M |
| | | 47 Invoiced quantity | | |
| | | Required: The quantity as per invoice. The value presented in DE 6060 may be a whole number (an integer) or a real number with 3 decimals representing weight in KGM for variable weight items. | | |
| | | 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 | D |
| | | Dependant: Required for products that are variable in weight and/or quantity. | | |
| | | KGM kilogram | | |

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

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 | 1260 | MOA | Monetary amount | M | 1 | |

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

Notes: This segment is used to provide financial information relating to a shipment at 'Line Item Level'.
 Example:
 MOA+128:195.1300:AUD'
 Total amount for the item excluding GST

 MOA+203:214.6430:AUD'
 Total amount for the item including GST

 MOA+369:19.5130:AUD'
 Total GST amount for this line item.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|--------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| C516 | | MONETARY AMOUNT | M | M |
| | 5025 | Monetary amount type code qualifier | M an..3 | M |
| | | 128 Total amount | | |
| | | Required: For the purpose of this MIG, this code is used to specify the Line Item Value excluding GST. | | |
| | | 203 Line item amount | | |
| | | Required: Line Item Value, including GST, for the delivery. | | |
| | | 369 Goods and services tax | | |
| | | Required: Line Item Value of GST. | | |
| | | Note: For non-GST item DE 5004 should contain 0.0000 when DE 5025 = 369 | | |
| | 5004 | Monetary amount | C n..35 | R |
| | 6345 | Currency identification code | C an..3 | O |
| | | AUD Australian Dollar | | |
| | | NZD New Zealand Dollar | | |
| | 6343 | Currency type code qualifier | C an..3 | X |
| | 4405 | Status description code | C an..3 | X |

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

Segment Summary

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

Segment: **PRI** Price details
Position: 1340 (Trigger Segment)
Group: Segment Group 29 (Price details) Conditional (Required)
Level: 2
Usage: Mandatory
Max Use: 1
Purpose: A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Price'. Indication of "net price" or "gross price" can be given in 5387 "Price specification code".
Notes: This segment specifies pricing information relevant to the current line item. Note that the merchandise cost prices including GST are to be expressed to 4 decimal points.
 Example:
 PRI+1E:19.7800:::10:EA'
 The supplier's price of 19.7800 is associated with 10 units.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|-------------------------------------------|-------------------------------------------------------------------------|------------------------|
| C509 | | PRICE INFORMATION | C | R |
| | 5125 | Price code qualifier | M an..3 | M |
| | | 1E | Calculation net - including taxes (EAN Code) | |
| | | | Required: The unit price presented in DE C509.5118 includes GST amount. | |
| | 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 | O |
| | 6411 | Measurement unit code | C an..3 | D |
| | | EA | EAN code for each unit base price quantity | |
| 5213 | | SUB-LINE ITEM PRICE CHANGE OPERATION CODE | C an..3 | X |

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

Notes: Example:
 CNT+2:3'
 There are 3 line items included in this order (total LIN segment count).

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|----------------------------------------------------------------------------------------------|------------------------|------------------------|
| C270 | | CONTROL | M | M |
| | 6069 | Control total type code qualifier | M an..3 | M |
| | | 2 | | |
| | | Number of line items in message | | |
| | | Required: Total count of LIN segments, representing the number of line items being Invoiced. | | |
| | 6066 | Control total value | M n..18 | M |
| | 6411 | Measurement unit code | C an..3 | X |

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

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 | 2200 | MOA | Monetary amount | M | 1 | |

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

Notes: This segment is used to provide financial information relating to a shipment at 'Total Value Level'.

Example:

MOA+128:1432.50:AUD'

Total amount for the invoice excluding GST.

MOA+39:1575.75:AUD'

Total amount for the invoice including GST.

MOA+369:143.25:AUD'

Total GST amount for this invoice.

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 |
| | | 39 Invoice total amount | | |
| | | Required: Total Invoice amount, including GST, for the delivery. For a partial shipment, this amount reflects the value of the shipment only. In this case, the total value of the purchase order is the sum of all partial deliveries including amount shown in the final shipment. | | |
| | | 128 Total amount | | |
| | | Required: For the purpose of this MIG, this code is used to specify the total amount of the Invoice monetary value excluding GST. | | |
| | | 369 Goods and services tax | | |
| | | Required: Total GST amount included in the Invoice total amount for the purchase order. The total GST amount for the purchase order accompanies the amount specified when DE 5025 = 39. | | |
| | 5004 | Monetary amount | C n..35 | R |
| | 6345 | Currency identification code | C an..3 | O |
| | | AUD Australian Dollar | | |
| | | NZD New Zealand Dollar | | |
| | 6343 | Currency type code qualifier | C an..3 | X |
| | 4405 | Status description code | C an..3 | X |

Segment: **UNT** Message trailer
Position: 2320
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment ending a message, giving the total number of segments in the message (including the UNH & UNT) and the control reference number of the message.
Notes: Example:
 UNT+41+0001'
 There are 41 segments within the UNH-UNT (0001) loop inclusively.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| 0074 | | NUMBER OF SEGMENTS IN THE MESSAGE | M n..6 | M |
| | | Sequence number of the message in the interchange. DE 0062 in the UNT segment will be exactly the same as in the UNH segment. Sender generated commencing at 0001 for the first message in an interchange. | | |
| 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: 2330
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: To end and check the completeness of an interchange.

Data Element Summary

| <u>Data Element</u> | <u>Component Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|---------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| 0036 | | INTERCHANGE CONTROL COUNT | M n..6 | M |
| | | Required: Total count of UNH/UNT segment loop repeats. If UNG/UNE functional group is presented, this is the total count of the UNG/UNE segment loop repeats. | | |
| 0020 | | INTERCHANGE CONTROL REFERENCE | M an..14 | M |
| | | The value presented here must match with the value presented in DE 0020 in segment UNB. | | |

Appendix 1- Metcash EDI Profile

Interchange Details

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

Metcash EDI Contacts

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Appendix 2 - Sample Metcash Invoice

Sample 1. IGA Grocery & Perishables

UNA:+.?'
UNB+UNOC:3+9311234:ZZ+9377777130737:ZZ+130131:1005+13+++++1'
UNH+13+INVOIC:D:01B:UN:EAN010'
BGM+388:::TAX INVOICE+00001+9'
DTM+137:201301311005:203'
RFF+ON:00001'
RFF+AAK:652744'
DTM+171:201301311005:203'
NAD+BY+9377777130737:::9'
RFF+XA:61000031569'
NAD+SU+1116124:::92'
RFF+XA:68076594119'
NAD+ST+9377779193709:::9'
LIN+1++19300613102695:SRV'
PIA+1+00001:SA'
IMD+F+++:::Sample Product A'
QTY+47:15'
QTY+59:5'
MOA+128:135.0000:AUD'
MOA+203:148.5000:AUD'
MOA+369:13.5000:AUD'
PRI+1E:9.9000:::5:EA'
LIN+2++19300613102688:SRV'
PIA+1+00002:SA'
IMD+F+++:::Sample Product B'
QTY+47:30'
QTY+59:5'
MOA+128:324.5455:AUD'
MOA+203:357.0000:AUD'
MOA+369:32.4545:AUD'
PRI+1E:11.9000:::5:EA'
LIN+3++19300613102954:SRV'
PIA+1+00003:SA'
IMD+F+++:::Sample Product C'
QTY+47:20'
QTY+59:5'
MOA+128:125.4545:AUD'
MOA+203:138.0000:AUD'
MOA+369:12.5455:AUD'
PRI+1E:6.9000:::5:EA'
LIN+4++19300613002834:SRV'
PIA+1+00004:SA'
IMD+F+++:::Sample Product D'
QTY+47:10'
QTY+59:5'
MOA+128:86.3636:AUD'
MOA+203:95.0000:AUD'
MOA+369:8.6364:AUD'
PRI+1E:9.5000:::5:EA'
LIN+5++19300613003817:SRV'
PIA+1+00005:SA'
IMD+F+++:::Sample Product E'
QTY+47:25'
QTY+59:5'
MOA+128:202.2727:AUD'
MOA+203:222.5000:AUD'

MOA+369:20.2273:AUD'
PRI+1E:8.9000:::5:EA'
UNS+S'
CNT+2:5'
MOA+39:1057.10:AUD'
MOA+128:961.00:AUD'
MOA+369:96.10:AUD'
UNT+62+13'
UNZ+1+13'

Sample 2. IGA Fresh (IGF)

UNA:+.? '
UNB+UNOC:3+9311234:ZZ+9377777130737:ZZ+130131:1005+13+++++1'
UNH+13+INVOIC:D:01B:UN:EAN010'
BGM+388:::TAX INVOICE+00001+9'
DTM+137:201301311005:203'
RFF+ON:00001'
NAD+BY+9377777130737:::9'
RFF+XA:61000031569'
NAD+SU+1116124:::92'
RFF+XA:68076594119'
NAD+ST+9377779193709:::9'
LIN+1++19300613102695:SRV'
PIA+1+00001:SA'
IMD+F+++:::Sample Product A'
QTY+47:15'
QTY+59:5'
MOA+128:135.0000:AUD'
MOA+203:148.5000:AUD'
MOA+369:13.5000:AUD'
PRI+1E:9.9000:::5:EA'
LIN+2++19300613102688:SRV'
PIA+1+00002:SA'
IMD+F+++:::Sample Product B'
QTY+47:30'
QTY+59:5'
MOA+128:324.5455:AUD'
MOA+203:357.0000:AUD'
MOA+369:32.4545:AUD'
PRI+1E:11.9000:::5:EA'
LIN+3++19300613102954:SRV'
PIA+1+00003:SA'
IMD+F+++:::Sample Product C'
QTY+47:20'
QTY+59:5'
MOA+128:125.4545:AUD'
MOA+203:138.0000:AUD'
MOA+369:12.5455:AUD'
PRI+1E:6.9000:::5:EA'
LIN+4++19300613002834:SRV'
PIA+1+00004:SA'
IMD+F+++:::Sample Product D'
QTY+47:10'
QTY+59:5'
MOA+128:86.3636:AUD'
MOA+203:95.0000:AUD'
MOA+369:8.6364:AUD'
PRI+1E:9.5000:::5:EA'
LIN+5++19300613003817:SRV'

PIA+1+00005:SA'
IMD+F++:::Sample Product E'
QTY+47:25'
QTY+59:5'
MOA+128:202.2727:AUD'
MOA+203:222.5000:AUD'
MOA+369:20.2273:AUD'
PRI+1E:8.9000:::5:EA'
UNS+S'
CNT+2:5'
MOA+39:1057.10:AUD'
MOA+128:961.00:AUD'
MOA+369:96.10:AUD'
UNT+60+13'
UNZ+1+13'