# Message Implementation Guideline



## Invoice Message

## INVOIC

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

**Version 1.3**

**July 2023**

# Document Change Control

| Document Version | Released | By SPS Commerce | Changes |
|---|---|---|---|
| V 1.0 | November 2021 | Asad Enait | Created Document |
| V 1.1 | March 2022 | Asad Enait | Corrected qualifier in CTA segment of sample message, page 72. |
| V 1.2 | April 2022 | Asad Enait | Corrected page alignment |
| V 1.3 | July 2023 | Asad Enait | Added additional Unit of measure in QTY segment |
| | | | |

# Purpose of this Implementation Guide

The purpose of this guide is to provide suppliers with the necessary information to enable the implementation of sending electronic Invoice messages to Pet Circle.

# Who should use this Guide

This guide is intended for use by Pet Circle suppliers to prepare for the implementation of Electronic Data Interchange (EDI) and to assist with applications integration, thereby ensuring successful electronic trading.

# EDIFACT Specifications

# 1  UN/EDIFACT Specifications

## 1.1  Definition of UN/EDIFACT

**UN/EDIFACT**: United Nations rules for Electronic Data Interchange for Administration, Commerce and Transport. They comprise a set of internationally agreed standards, directories and guidelines for the electronic interchange of structured data, and in particular that related to trade in goods and services, between independent computerized information systems - EDI systems.

## 1.2 UN/EDIFACT Syntax

The UN/EDIFACT syntax rules set the standards for structuring data into segments, segments into messages, and messages into an interchange.

### 1.2.1 Structure of an Interchange

An interchange may consist of the following segments:

| Segment ID | Segment Name | Status |
|---|---|---|
| UNA | Service String Advice | Conditional |
| UNB | Interchange Header | Mandatory |
| UNG | Functional Group Header | Conditional |
| UNH | Message Header | Mandatory |
| | User Data Segments | |
| UNT | Message Trailer | Mandatory |
| UNE | Functional Group Trailer | Conditional |
| UNZ | Interchange Trailer | Mandatory |

Segments starting with "UN" are called service segments. They constitute the envelope or the "packing" of the EDIFACT messages. User data segments contain the information itself, in a format specific to each message type.

## 1.2.2 Structure of a Message

Each data segment has a specific place within the sequence of segments in the message. They may occur in any of the following three sections of the message:

- **Heading section** - A segment occurring in this section relates to the <u>entire message</u>.
- **Detail section** - A segment occurring in this section relates to the detail information only.
- **Summary section** - Only segments containing <u>totals or control information</u> may occur in the summary section, e.g. invoice total amount, number of lines in a purchase order, etc.

The same segment type may occur in more than one of the message sections, e.g. in the header and in the detail section, and/or more than once in the same section.

Some segments may be repeated a certain number of times at their specific location in the message. The status, Mandatory or Conditional, and the maximum number of repetitions of segment types are indicated in the message structure.

Within a message, specific groups of functionally related segments may be repeated; these groups are referred to as "segment groups". The maximum number of repetitions of a particular segment group at a specific location is included in the message definition.

A segment group may be nested within other segment groups, provided that the inner segment group terminates before any outer segment group terminates.

## 1.2.3 Segment Structure

A segment consists of:

- A segment tag: identifies the segment type
- Data element separators
- Simple, composite, or component data elements
- A segment terminator

Data elements can be defined as having a fixed or variable length.

A composite data element contains two or more component data elements.

A component data element is a simple data element used in a composite data element.

A data element can be qualified by another data element, the value of which is expressed as a code that gives specific meaning to the data. The data value of a qualifier is a code taken from an agreed set of code values.

## 1.2.4 Separators

In EANCOM four service characters (extracted from UNOA) have a special meaning and act as the default separators for EANCOM;

| | ASCII | HEX | |
|---|---|---|---|
| Apostrophe | ' | 27 | Segment terminator |
| Decimal Point | . | 2E | Decimal Point |
| Plus sign | + | 2B | Segment tag and data element separator |
| Colon | : | 3A | Component data element separator |
| Question mark | ? | 3F | Release character; immediately preceding one of the service characters, it restores their normal meaning. E.g. 10?+10=20 means 10+10=20. Question mark is represented by ?? |

## 1.3 **UN/EDIFACT Documentation Conventions**

### 1.3.1 Format and Picture of Data Elements

The following conventions apply in the present documentation:

| | |
|---|---|
| A | alphabetic characters |
| N | numeric characters |
| An | alpha-numeric characters |
| a3 | 3 alphabetic characters, fixed length |
| n3 | 3 numeric characters, fixed length |
| an3 | 3 alpha-numeric characters, fixed length |
| a..3 | up to 3 alphabetic characters |
| n..3 | up to 3 numeric characters |
| an..3 | up to 3 alpha-numeric characters |

The format and picture of the data elements that will be used by Pet Circle in the following EDI documents comply with the UN/EDIFACT Standards.

### 1.3.2 Status indicators

There are five types of status used in the following pages, whether for simple, component or composite data elements. They are listed below and can be identified when relevant by the abbreviations.

| | |
|---|---|
| M | Specified within the Standards as Mandatory, used as a trigger element. |
| Must Use | Required by Pet Circle for specific implementation or business rules |
| D | Dependent on a mutual agreement between the sender and receiver of the message, governed by Business rules and / or a special arrangement, i.e. Primary Freight, etc. |
| O | Data that can be omitted based on an agreement between the sender and receiver. |
| Not Used | Segment/data elements defined as optional by standard specification and are not required for this Implementation. Data elements or composite elements not used preceding those indicated otherwise are shown for additional clarity. Unused trailing elements will not be shown in this document. |

## 1.3.3 Interchange Structure

The interchange structure in an EDIFACT transmission is organized in several grouping levels. The service segments are the envelope of the groups.

The first service segment possible in an interchange is the 'UNA' segment which is used to define the separators being used in the interchange. The second service segment, 'UNB', indicates the beginning of the interchange. The next one, 'UNG', indicates the beginning of a group of messages of the same type, for example invoices. The last service segment, 'UNH', indicates the beginning of a given message. To each beginning service segment corresponds an ending service segment (note, UNA is not a beginning segment).

Service string advice:       UNA

Interchange envelope:       UNB .... UNZ

Group envelope:       UNG .... UNE

Message envelope:       UNH .... UNT

Segment UNA is dependent on the character set being used. Pet Circle interchanges <u>will include</u> the UNA segment, as the UN/EDIFACT character set (C) will be used.

Segments UNG..UNE are Conditional/Optional. These segments <u>will not be sent</u> as standard in this MIG.

## 1.3.4 Interchange Control Structure (Envelope)

Introduction:

The Service String Advice, UNA, and the service segments UNB to UNZ shall appear in the below stated order in an interchange. There may be several functional groups or messages within an interchange and several messages in a functional group. A message consists of segments.

| Pos. No. | Seg. ID | Name | Base Status | User Status | Group Max.Use | Notes and Repeat Comments |
|---|---|---|---|---|---|---|
| 0000 | UNA | Service String Advice | O | O | 1 | |
| 0010 | UNB | Interchange Header | M | M | 1 | |
| 0020 | UNH | Message Header | M | M | 1 | |
| 0030 | UNT | Message Trailer | M | M | 1 | |
| 0040 | UNZ | Interchange Trailer | M | M | 1 | |

# Invoice Message Business Rules

An Invoice is a message claiming payment for goods or services supplied under the conditions agreed between suppliers and Pet Circle. This section describes how electronic Invoices (INVOIC document) are to be used in trading electronically with Pet Circle.

Invoices and Credit Notes are included in this Message Implementation Guidelines.

Pet Circle is requiring suppliers to provide electronic Invoices / Credit Notes for all shipments sent for electronically created orders. This information will be used by Pet Circle to automate the processing of invoices and allow to conduct a three way match in the future between the Purchase Order, Despatch Advice and Invoice.

Suppliers are to create **one Invoice per single Purchase Order and Despatch Advice** (delivery).

Once a supplier transitions to electronic Invoices with Pet Circle, sending email invoices will no longer be required.


## Overview

**An electronic invoice must be sent after the delivery of goods;**
**An electronic invoice must relate to a single Purchase Order and delivery;**
**if the supplier needs to resend an invoice, the supplier will need to contact Pet Circle. If the invoice has not been processed, Pet Circle will delete it and the supplier will send a new invoice.**


## Exception Handling

Pet Circle will implement some basic, common validation rules after the receipt of an electronic invoice document. Pet Circle will contact the supplier if any invoice / credit note fails to meet the validation rules.

The process of resolving issues between individual suppliers and Pet Circle is outlined in the Supplier Compliance Guide, section 'Financial & Accounts Payable / Exception Handling'

# INVOIC Invoice Message

## Introduction:

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

## Notes:

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.

Dependency notes:

An Invoice message will convey the following functional usage indicators:

Tax Invoice is indicated with BGM DE C002.1001 = 388.
Credit Note is indicated with BGM DE C002.1001 = 381.

Business Rules:

1) Suppliers will be the generators / senders of the Invoice message.
2) All required data in this MIG must be provided to be compliant with the requirements of Australian Taxation Office.
3) All invoice messages received from suppliers will be acknowledged with a Syntax and Service Report (CONTRL) message.

## Heading Section:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Group Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | | UNA | Service String Advice | C | 1 | | |
| M | 0005 | UNB | Interchange Header | M | 1 | | |
| M | 0010 | UNH | Message Header | M | 1 | | |
| M | 0020 | BGM | Beginning of Message | M | 1 | | |
| M | 0030 | DTM | Date/Time/Period | M | 1 | | |
| O | 0070 | FTX | Free Text | C | 1 | | |
| Must Use | 0120 | | Segment Group 1: RFF | C | | 5 | |
| M | 0130 | RFF | Reference | M | 1 | | |
| Must Use | 0220 | | Segment Group 2: NAD-SG3-SG5 | C | | 3 | |
| M | 0230 | NAD | Name and Address | M | 1 | | |
| D | 0270 | | Segment Group 3: RFF | C | | 1 | |
| M | 0280 | RFF | Reference | M | 1 | | |
| O | 0330 | | Segment Group 5: CTA-COM | C | | 1 | |
| M | 0340 | CTA | Contact Information | M | 1 | | |
| D | 0350 | COM | Communication Contact | C | 2 | | |
| Must Use | 0400 | | Segment Group 7: CUX | C | | 1 | |
| M | 0410 | CUX | Currencies | M | 1 | | |

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Group Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| O | 0430 | | Segment Group 8: PAT-DTM-PCD-MOA | C | | 99 | |
| M | 0440 | PAT | Payment Terms Basis | M | 1 | | |
| D | 0450 | DTM | Date/Time/Period | C | 1 | | |
| O | 0460 | PCD | Percentage Details | C | 1 | | |
| O | 0740 | | Segment Group 16: ALC-SG20-SG22 | C | | 9999 | |
| M | 0750 | ALC | Allowance or Charge | M | 1 | | |
| Must Use | 0870 | | Segment Group 20: MOA | C | | 1 | |
| M | 0880 | MOA | Monetary Amount | M | 1 | | |
| Must Use | 0950 | | Segment Group 22: TAX-MOA | C | | 1 | |
| M | 0960 | TAX | Duty/Tax/Fee Details | M | 1 | | |
| Must Use | 0970 | MOA | Monetary Amount | C | 1 | | |

## Detail Section:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Group Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | 1090 | | Segment Group 26: LIN-PIA-IMD-QTY-FTX-SG27-SG29-SG30-SG34-SG39 | C | | 9999999 | |
| M | 1100 | LIN | Line Item | M | 1 | | |
| Must Use | 1110 | PIA | Additional Product Id | C | 2 | | |
| Must Use | 1130 | IMD | Item Description | C | 1 | | |
| Must Use | 1150 | QTY | Quantity | C | 2 | | |
| Must Use | 1250 | | Segment Group 27: MOA | C | | 3 | |
| M | 1260 | MOA | Monetary Amount | M | 1 | | |
| Must Use | 1330 | | Segment Group 29: PRI | C | | 1 | |
| M | 1340 | PRI | Price Details | M | 1 | | |
| Must Use | 1550 | | Segment Group 34: TAX | C | | 1 | |
| M | 1560 | TAX | Duty/Tax/Fee Details | M | 1 | | |
| O | 1720 | | Segment Group 39: ALC-SG41-SG42 | C | | 30 | |
| M | 1730 | ALC | Allowance or Charge | M | 1 | | |
| D | 1800 | | Segment Group 41: PCD | C | | 1 | |
| M | 1810 | PCD | Percentage Details | M | 1 | | |
| D | 1830 | | Segment Group 42: MOA | C | | 1 | |
| M | 1840 | MOA | Monetary Amount | M | 1 | | |

## Section Control:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Group Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| M | 2170 | UNS | Section Control | M | 1 | | |

## Summary Section:

| | Pos. No. | Seg. ID | Name | Req. Des. | Max.Use | Group Repeat | Notes and Comments |
|---|---|---|---|---|---|---|---|
| Must Use | 2180 | CNT | Control Total | C | 1 | | |
| M | 2190 | | Segment Group 50: MOA | M | | 3 | |
| M | 2200 | MOA | Monetary Amount | M | 1 | | |
| M | 2320 | UNT | Message Trailer | M | 1 | | |
| M | 2330 | UNZ | Interchange Trailer | M | 1 | | |

**Segment:** # UNA Service String Advice
**Position:**
**Group:**
**Level:** 0
**Usage:** Conditional (Required)
**Max Use:** 1
**Purpose:** To define the characters selected for use as delimiters and indicators in the rest of the interchange that follows. The specifications in the Service string advice take precedence over the specifications for delimiter etc. in UNB segment. When transmitted, the Service string advice must appear immediately before the Interchange Header (UNB) segment and begin with the upper case characters UNA immediately followed by the six characters selected by the sender to indicate, in the following sequence: *UNA:+.? '*

**Notes:** Example:

UNA:+.? '

## Data Element Summary

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

**Segment:** # UNB Interchange Header

|  |  |
|---|---|
| **Position:** | 0005 |
| **Group:** | |
| **Level:** | 0 |
| **Usage:** | Mandatory |
| **Max Use:** | 1 |
| **Purpose:** | To start, identify and specify an interchange |
| **Dependency Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | |
| **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. |

This supports all characters defined in ISO 8859-1 : Information processing - Part 1: Latin alphabet No. 1

Example:

UNB+UNOC:3+SUPPLIER_GLN:14+9377779384084:14+211119:1005+73920001++++1'
UNB+UNOC:3+SUPPLIER_GLN:14+TST1PETCIRCLE:ZZZ+211119:1005+73++++1'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes |
|---|---|---|---|---|---|
| M | S001 | | **SYNTAX IDENTIFIER** | M | 1 |
| | | | Identification of the agency controlling the syntax and indication of syntax level. | | |
| M | | 0001 | **Syntax identifier** | M | a4 |
| | | | Coded identification of the agency controlling a syntax and syntax level used in an interchange. | | |
| | | | UNOC     UN/ECE level C | | |
| | | | As defined in ISO/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1. | | |
| M | | 0002 | **Syntax version number** | M | n1 |
| | | | Version number of the syntax identified in the syntax identifier (0001). | | |
| | | | 3     Version 3 | | |
| | | | ISO 9735 Amendment 1:1992. | | |
| M | S002 | | **INTERCHANGE SENDER** | M | 1 |
| | | | Identification of the sender of the interchange. | | |
| M | | 0004 | **Sender identification** | M | an..35 |
| | | | Name or coded representation of the sender of a data interchange. | | |
| | | | The identifier / GLN of the sending party; supplier | | |
| Must Use | | 0007 | **Partner identification code qualifier** | C | an..4 |
| | | | Qualifier referring to the source of codes for the identifiers of interchanging partners. | | |
| | | | 14     EAN International | | |
| | | | Partner identification code assigned by the European Article Numbering Association. | | |
| | | | ZZZ     Mutually defined | | |
| | | | Mutually defined between trading partners. | | |
| Not Used | | 0008 | **Address for reverse routing** | C | an..14 |
| | | | Address specified by the sender of an interchange to be included by the recipient in the response interchanges to facilitate internal routing. | | |
| M | S003 | | **INTERCHANGE RECIPIENT** | M | 1 |
| | | | Identification of the recipient of the interchange. | | |
| M | | 0010 | **Recipient identification** | M | an..35 |

Name or coded representation of the recipient of a data interchange.

Pet Circle will use the following addresses:

| | |
|---|---|
| Production EDI Identifier | **9377779384084** |
| Testing & Certification EDI Identifier | **TST1PETCIRCLE** |

| Must Use | | 0007 | **Partner identification code qualifier** | C | an..4 |
|---|---|---|---|---|---|

Qualifier referring to the source of codes for the identifiers of interchanging partners.

| | 14 | EAN International |
|---|---|---|

Partner identification code assigned by the European Article Numbering Association.

Pet Circle code qualifier used for Production

| | ZZZ | Mutually defined |
|---|---|---|

Mutually defined between trading partners.

Pet Circle code qualifier used for Testing & Certification.

| Not Used | | 0014 | **Routing address** | C | an..14 |
|---|---|---|---|---|---|

Address specified by the recipient of an interchange to be included by the sender and used by the recipient for routing of received interchanges inside his organization.

| M | S004 | | **DATE AND TIME OF PREPARATION** | M | 1 |
|---|---|---|---|---|---|

Date and time of preparation of the interchange.

| M | | 0017 | **Date of preparation** | M | n6 |
|---|---|---|---|---|---|

Local date when an interchange or a functional group was prepared.

Date in YYMMDD format, i.e. March 19th 2021 is presented as 210319

| M | | 0019 | **Time of preparation** | M | n4 |
|---|---|---|---|---|---|

Local time of day when an interchange or a functional group was prepared.

Time in 24 hour-clock format, i.e. 3:30 PM is presented as 1530

| M | 0020 | | **INTERCHANGE CONTROL REFERENCE** | M | 1 | an..14 |
|---|---|---|---|---|---|---|

Unique reference assigned by the sender to an interchange.

This data element is specified as alphanumeric and, for all Pet Circle implementations, only numbers are accepted as interchange control. The value presented here must match with the value presented in DE 0020 in segment UNZ.

| Not Used | S005 | | **RECIPIENTS REFERENCE PASSWORD** | C | 1 |
|---|---|---|---|---|---|

Reference or password as agreed between the communicating partners.

| Not Used | 0026 | | **APPLICATION REFERENCE** | C | 1 | an..14 |
|---|---|---|---|---|---|---|

Identification of the application area assigned by the sender, to which the messages in the interchange relate e.g. the message identifier if all the messages in the interchange are of the same type.

| Not Used | 0029 | | **PROCESSING PRIORITY CODE** | C | 1 | a1 |
|---|---|---|---|---|---|---|

Code determined by the sender requesting processing priority for the interchange.

| Must Use | 0031 | | **ACKNOWLEDGEMENT REQUEST** | C | 1 | n1 |
|---|---|---|---|---|---|---|

Code determined by the sender for acknowledgement of the interchange.

Used to indicate if the sender requires an acknowledgement of the message receipt by the receiving party via a CONTRL message. If not specified, the CONTRL message will not be returned to the sender.

| | 1 | Requested |
|---|---|---|

Acknowledgement is requested.

| Not Used | 0032 | | **COMMUNICATIONS AGREEMENT ID** | C | 1 | an..35 |
|---|---|---|---|---|---|---|

Identification by name or code of the type of agreement under which the interchange takes place.

| Not Used | 0035 | | **TEST INDICATOR** | C | 1 | n1 |
|---|---|---|---|---|---|---|

Indication that the interchange is a 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.
**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

Example:

UNH+0001+INVOIC:D:01B:UN:EAN011'

**Data Element Summary**

| | Data Element | Component Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | 0062 | | MESSAGE REFERENCE NUMBER | M | 1 | an..14 |
| | | | Unique message reference assigned by the sender. | | | |
| | | | Sequence number of messages in the interchange. DE 0062 in UNT will have the same value. Generated by the sender. | | | |
| M | S009 | | MESSAGE IDENTIFIER | M | 1 | |
| | | | Identification of the type, version etc. of the message being interchanged. | | | |
| M | | 0065 | Message type identifier | M | | an..6 |
| | | | Code identifying a type of message and assigned by its controlling agency. | | | |
| | | | INVOIC     Invoice message | | | |
| | | | A code to identify the invoice message. | | | |
| M | | 0052 | Message type version number | M | | an..3 |
| | | | Version number of a message type. | | | |
| | | | D     Draft version/UN/EDIFACT Directory | | | |
| | | | Message approved and issued as a draft message (Valid for directories published after March 1993 and prior to March 1997). Message approved as a standard message (Valid for directories published after March 1997). | | | |
| M | | 0054 | Message type release number | M | | an..3 |
| | | | Release number within the current message type version number (0052). | | | |
| | | | 01B     Release 2001 - B | | | |
| | | | Message approved and issued in the second 2001 release of the UNTDID (United Nations Trade Data Interchange Directory). | | | |
| M | | 0051 | Controlling agency | M | | an..2 |
| | | | Code identifying the agency controlling the specification, maintenance and publication of the message type. | | | |
| | | | UN     UN/CEFACT | | | |
| | | | United Nations Centre for Trade Facilitation and Electronic Business (UN/CEFACT). | | | |
| Must Use | | 0057 | Association assigned code | C | | an..6 |
| | | | Code, assigned by the association responsible for the design and maintenance of the message type concerned, which further identifies the message. | | | |
| | | | EAN011     EAN Version Control Number | | | |
| Not Used | 0068 | | COMMON ACCESS REFERENCE | C | 1 | an..35 |

Reference serving as a key to relate all subsequent transfers of data to the same business case or file.

**Not Used**     **S010**     **STATUS OF THE TRANSFER**        **C**     **1**

Statement that the message is one in a sequence of transfers relating to the same topic.

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

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

Example:

An original Tax Invoice with reference number 432097
BGM+388:::TAX INVOICE+432097+9'

Credit Note with reference number 432999
BGM+381:::CREDIT NOTE+432999+9'

## Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| Must Use | C002 | | **DOCUMENT/MESSAGE NAME** | C | 1 | |
| | | | Identification of a type of document/message by code or name. Code preferred. | | | |
| Must Use | | 1001 | **Document name code** | C | an..3 | |
| | | | Code specifying the document name. | | | |
| | | | 381 | Credit note | | |
| | | | | Document/message for providing credit information to the relevant party. | | |
| | | | 388 | Tax invoice | | |
| | | | | An invoice for tax purposes. | | |
| | | | | Invoice will be coded 388 Tax Invoice to comply with the Australian Tax Office requirements | | |
| Not Used | | 1131 | **Code list identification code** | C | an..17 | |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | an..3 | |
| | | | Code specifying the agency responsible for a code list. | | | |
| Must Use | | 1000 | **Document name** | C | an..35 | |
| | | | Name of a document. | | | |
| | | | When BGM DE C002.1001 = 388: literal text value 'TAX INVOICE' When BGM DE C002.1001 = 381: literal text value 'CREDIT NOTE' | | | |
| Must Use | C106 | | **DOCUMENT/MESSAGE IDENTIFICATION** | C | 1 | |
| | | | Identification of a document/message by its number and eventually its version or revision. | | | |
| Must Use | | 1004 | **Document identifier** | C | an..35 | |
| | | | To identify a document. | | | |
| | | | Invoice number assigned by sender/supplier must always be unique. Format: Alphanumeric Maximum length: 20 | | | |
| Not Used | | 1056 | **Version identifier** | C | an..9 | |
| | | | To identify a version. | | | |
| Not Used | | 1060 | **Revision identifier** | C | an..6 | |
| | | | To identify a revision. | | | |

| Must Use | 1225 | **MESSAGE FUNCTION CODE** | C | 1 | an..3 |

Code indicating the function of the message.

| 9 | Original |

Initial transmission related to a given transaction.

| Not Used | 4343 | **RESPONSE TYPE CODE** | C | 1 | an..3 |

Code specifying the type of acknowledgment required or transmitted.

| | | **DTM** Date/Time/Period |
|---|---|---|
| **Segment:** | | |
| **Position:** | 0030 | |
| **Group:** | | |
| **Level:** | 0 | |
| **Usage:** | Mandatory | |
| **Max Use:** | 1 | |
| **Purpose:** | A segment specifying general dates and, when relevant, times related to the whole message.  The segment must be specified at least once to identify the invoice date.  Examples of the use of this DTM segment is: "shipped on date" or "delivery date". | |

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

| | |
|---|---|
| **Dependency Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | |
| **Notes:** | Example: |

The invoice (this message) was created on 21 November 2021
DTM+137:20211121:102'

**Note: the invoice creation date must not be a future date.**

### Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C507 | | **DATE/TIME/PERIOD** | M | 1 |
| | | | Date and/or time, or period relevant to the specified date/time/period type. | | |
| M | | 2005 | **Date or time or period function code qualifier** | M | an..3 |
| | | | Code qualifying the function of a date, time or period. | | |
| | | 137 | Document/message date/time | | |
| | | | (2006) Date/time when a document/message is issued. This may include authentication. | | |
| | | | Date when the invoice is raised. | | |
| Must Use | | 2380 | **Date or time or period value** | C | an..35 |
| | | | The value of a date, a date and time, a time or of a period in a specified representation. | | |
| Must Use | | 2379 | **Date or time or period format code** | C | an..3 |
| | | | Code specifying the representation of a date, time or period. | | |
| | | 102 | CCYYMMDD | | |
| | | | Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. | | |

| | | **Segment:** | **FTX** Free Text |
| | | **Position:** | 0070 |
| | | **Group:** | |
| | | **Level:** | 0 |
| | | **Usage:** | Conditional (Optional) |
| | | **Max Use:** | 1 |
| | | **Purpose:** | A segment with free text information, in coded or clear form, used when additional information is needed but cannot be accommodated within other segments.   In computer to computer exchanges such text will normally require the receiver to process this segment manually. |

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** This segment is used to provide any free text information related to the complete invoice message.

Example:
FTX+AAI+++Invoice for order number XXXX'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 4451 | | **TEXT SUBJECT CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code qualifying the subject of the text. | | | |
| | | | AAI              General information | | | |
| | | | The text contains general information. | | | |
| Not Used | 4453 | | **FREE TEXT FUNCTION CODE** | C | 1 | an..3 |
| | | | Code specifying the function of free text. | | | |
| Not Used | C107 | | **TEXT REFERENCE** | C | 1 | |
| | | | Coded reference to a standard text and its source. | | | |
| Must Use | C108 | | **TEXT LITERAL** | C | 1 | |
| | | | Free text; one to five lines. | | | |
| M | | 4440 | **Free text value** | M | | an..512 |
| | | | Free form text. | | | |
| D | | 4440 | **Free text value** | C | | an..512 |
| | | | Free form text. | | | |
| D | | 4440 | **Free text value** | C | | an..512 |
| | | | Free form text. | | | |
| D | | 4440 | **Free text value** | C | | an..512 |
| | | | Free form text. | | | |
| D | | 4440 | **Free text value** | C | | an..512 |
| | | | Free form text. | | | |
| Not Used | 3453 | | **LANGUAGE NAME CODE** | C | 1 | an..3 |
| | | | Code specifying the language name. | | | |
| Not Used | 4447 | | **FREE TEXT FORMAT CODE** | C | 1 | an..3 |
| | | | Code specifying the format of free text. | | | |

**Group:** **RFF** Segment Group 1: Reference

**Position:** 0120

**Group:**

**Level:** 1

**Usage:** Conditional (Required)

**Max Use:** 5

**Purpose:** A group of segments for giving references and where necessary, their dates, related identification numbers, locations, measurements, quantities, free text and monetary amounts, relating to the whole message, e.g. contract information, import or export license information, despatch advice information.

**Notes:** This Segment Group is used to specify references which relate to the whole invoice which includes Pet Circle Purchase Order Number, supplier's Despatch Advice number and carrier's reference number.

**Purchase Order number is required as shown in the original Purchase Order.**

**Pet Circle requires at least one of the Despatch Advice number or the Carrier's reference number (Connote) provided in the Invoice message.**

Examples:
RFF+ON:3399951'
RFF+AAK:DES587441'

## Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 0130 | RFF | Reference | M | 1 | |

| | | | |
|---|---|---|---|
| **Segment:** | **RFF** Reference | | |
| **Position:** | 0130 (Trigger Segment) | | |
| **Group:** | Segment Group 1 (Reference) | Conditional (Required) | |
| **Level:** | 1 | | |
| **Usage:** | Mandatory | | |
| **Max Use:** | 1 | | |
| **Purpose:** | A segment identifying the reference by its number and where appropriate a line number within a document. | | |
| **Dependency Notes:** | | | |
| **Semantic Notes:** | | | |
| **Comments:** | | | |

**Notes:**

**Purchase Order number must be provided in the invoice.**

**Pet Circle requires at least one of the Despatch Advice number or the Carrier's reference number (Connote) provided in the Invoice message.**

**For Credit Notes (BGM DE C002.1001 = 381) an original invoice number must be provided in RFF segment with DE C506.1153 = OI.**

Examples:

This invoice relates to purchase order number PO-00000100
RFF+ON:PO-00000100'

An original invoice number was 123456789, if a credit note (BGM DE C002.1001 = 381).
RFF+OI:123456789

## Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | C506 | | REFERENCE | | M | 1 |
| | | | Identification of a reference. | | | |
| M | | 1153 | **Reference code qualifier** | | **M** | **an..3** |
| | | | Code qualifying a reference. | | | |
| | | | AAK | Despatch advice number | | |
| | | | | Reference number assigned by issuing party to a despatch advice. | | |
| | | | | Conditional: Despatch Advice number. | | |
| | | | CN | Carrier's reference number | | |
| | | | | Reference number assigned by carrier to a consignment. | | |
| | | | | Conditional: Carrier's reference number (Connote) | | |
| | | | OI | Previous invoice number | | |
| | | | | Reference number identifying a previously issued invoice. | | |
| | | | | Conditional: original invoice number is required on credit notes (BGM DE C002.1001 = 381) | | |
| | | | ON | Order number (purchase) | | |
| | | | | [1022] Reference number assigned by the buyer to an order. | | |
| | | | | Required: order number as shown in the original Purchase Order sent by Pet Circle. | | |
| Must Use | | 1154 | **Reference identifier** | | **C** | **an..70** |
| | | | Identifies a reference. | | | |
| | | | Provide reference number as qualified in DE 1153 | | | |
| | | | Format (DE 1153 = ON and OI): Alphanumeric Maximum length: 20 | | | |

| | | | | |
|---|---|---|---|---|
| | | Format (DE 1153 = AAK): Alphanumeric<br>Maximum length: 35<br><br>Format (DE 1153 = CN): Alphanumeric<br>Maximum length: 70 | | |
| Not Used | 1156 | **Document line identifier**<br>To identify a line of a document. | C | an..6 |
| Not Used | 4000 | **Reference version identifier**<br>To identify the version of a reference. | C | an..35 |
| Not Used | 1060 | **Revision identifier**<br>To identify a revision. | C | an..6 |

| | **Group:** | **NAD** Segment Group 2: Name and Address |
| --- | --- | --- |
| | **Position:** | 0220 |
| | **Group:** | |
| | **Level:** | 1 |
| | **Usage:** | Conditional (Required) |
| | **Max Use:** | 3 |
| | **Purpose:** | A group of segments identifying the parties with associated information. |
| | **Notes:** | This segment is used to provide information identifying the parties involved including the Buyer (Pet Circle), the supplier and the ship to location (Warehouse / Store) from the original Purchase Order message. |

Examples:

Pet Circle as a Buyer:
NAD+BY+9377779384084::9++MILLELL PTY LTD+Level 7, 9 Castlereagh
St+Sydney+NSW+2000+AU'
RFF+AMT:17148151213'

Supplier:
NAD+SU+SUP-00025::92++Best Pet Product+PO BOX 999+Richmond+VIC+3121+AU'
RFF+AMT:69644613098'


DC / Warehouse:
NAD+ST+9377779384091::9++Eastern Creek DC+Warehouse 3, 60 Wallgrove
Rd+Eastern Creek+NSW+2770+AU'

### Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
| --- | --- | --- | --- | --- | --- | --- |
| M | 0230 | NAD | Name and Address | M | 1 | |
| D | 0270 | | Segment Group 3: Reference | C | | 1 |
| O | 0330 | | Segment Group 5: Contact Information | C | | 1 |

| | **Segment:** | **NAD** Name and Address |
| | **Position:** | 0230 (Trigger Segment) |
| | **Group:** | Segment Group 2 (Name and Address)          Conditional (Required) |
| | **Level:** | 1 |
| | **Usage:** | Mandatory |
| | **Max Use:** | 1 |
| | **Purpose:** | A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the invoice.  Identification of the seller and buyer parties is mandatory for the invoice message.  It is recommended that where possible only the coded form of the party ID should be specified e.g.  The Buyer and Seller are known to each other, thus only the coded ID is required, but the Consignee or Delivery address may vary and would have to be clearly specified, preferably in structured format. |
| **Dependency Notes:** | | |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | | For examples, see explanatory notes in NAD Segment Group 2 (SG2). |

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 3035 | | **PARTY FUNCTION CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code giving specific meaning to a party. | | | |
| | | | BY | Buyer | | |
| | | | | Party to whom merchandise and/or service is sold. | | |
| | | | | Required: indicates the Buyer (Pet Circle) GLN | | |
| | | | ST | Ship to | | |
| | | | | Identification of the party to where goods will be or have been shipped. | | |
| | | | | Required: indicates the Pet Circle DC/ Warehouse GLN | | |
| | | | SU | Supplier | | |
| | | | | Party who supplies goods and/or services. | | |
| | | | | Required: indicates the supplier code assigned by Pet Circle | | |
| **Must Use** | C082 | | **PARTY IDENTIFICATION DETAILS** | C | 1 | |
| | | | Identification of a transaction party by code. | | | |
| M | | 3039 | **Party identifier** | M | | an..35 |
| | | | Code specifying the identity of a party. | | | |
| | | | **Required**: For DE 3035 = BY, SU and ST | | | |
| | | | Pet Circle Buyer ID (DE 3035 = BY) | | | |
| | | | Format (DE 3035 = BY): Numeric | | | |
| | | | Minimum length: 13 | | | |
| | | | Maximum length: 13 | | | |
| | | | Pet Circle assigned ship to location number (DE 3035 = ST) | | | |
| | | | Format (DE 3035 = ST): Numeric | | | |
| | | | Minimum length: 13 | | | |
| | | | Maximum length: 13 | | | |
| | | | Pet Circle assigned supplier number (DE 3035 = SU) | | | |
| | | | Format (DE 3035 = SU): Alphanumeric | | | |
| | | | Minimum length: 1 | | | |
| | | | Maximum length: 10 | | | |
| **Not Used** | 1131 | | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |

| Must Use | | 3055 | **Code list responsible agency code** | **C** | | an..3 |
|---|---|---|---|---|---|---|

Code specifying the agency responsible for a code list.

| | 92 | | Assigned by buyer or buyer's agent |
|---|---|---|---|

Codes assigned by a buyer or buyer's agent.

| Not Used | C058 | | **NAME AND ADDRESS** | **C** | **1** | |
|---|---|---|---|---|---|---|

Unstructured name and address: one to five lines.

| Must Use | C080 | | **PARTY NAME** | **C** | **1** | |
|---|---|---|---|---|---|---|

Identification of a transaction party by name, one to five lines. Party name may be formatted.

| M | | 3036 | **Party name** | **M** | | an..35 |
|---|---|---|---|---|---|---|

Name of a party.

Used to complement code presented in DE 3039, according to qualifier DE 3035.

| D | | 3036 | **Party name** | **C** | | an..35 |
|---|---|---|---|---|---|---|

Name of a party.

| Not Used | | 3036 | **Party name** | **C** | | an..35 |
|---|---|---|---|---|---|---|

Name of a party.

| Not Used | | 3036 | **Party name** | **C** | | an..35 |
|---|---|---|---|---|---|---|

Name of a party.

| Not Used | | 3036 | **Party name** | **C** | | an..35 |
|---|---|---|---|---|---|---|

Name of a party.

| Not Used | | 3045 | **Party name format code** | **C** | | an..3 |
|---|---|---|---|---|---|---|

Code specifying the representation of a party name.

| Must Use | C059 | | **STREET** | **C** | **1** | |
|---|---|---|---|---|---|---|

Street address and/or PO Box number in a structured address: one to four lines.

| M | | 3042 | **Street and number or post office box identifier** | **M** | | an..35 |
|---|---|---|---|---|---|---|

To identify a street and number and/or Post Office box number.

Used for street address (line 1) of the party identified.

| D | | 3042 | **Street and number or post office box identifier** | **C** | | an..35 |
|---|---|---|---|---|---|---|

To identify a street and number and/or Post Office box number.

| D | | 3042 | **Street and number or post office box identifier** | **C** | | an..35 |
|---|---|---|---|---|---|---|

To identify a street and number and/or Post Office box number.

| D | | 3042 | **Street and number or post office box identifier** | **C** | | an..35 |
|---|---|---|---|---|---|---|

To identify a street and number and/or Post Office box number.

| Must Use | 3164 | | **CITY NAME** | **C** | **1** | an..35 |
|---|---|---|---|---|---|---|

Name of a city.

City or suburb of the location of the party identified, where applicable, such as RICHMOND.

| O | C819 | | **COUNTRY SUB-ENTITY DETAILS** | **C** | **1** | |
|---|---|---|---|---|---|---|

To specify a part of a country (eg county or part of a city).

| Must Use | | 3229 | **Country sub-entity name code** | **C** | | an..9 |
|---|---|---|---|---|---|---|

Code specifying the name of a country sub-entity.

State code of the location of the party identified, where applicable.

| Not Used | | 1131 | **Code list identification code** | **C** | | an..17 |
|---|---|---|---|---|---|---|

Code identifying a user or association maintained code list.

| Not Used | | 3055 | **Code list responsible agency code** | **C** | | an..3 |
|---|---|---|---|---|---|---|

Code specifying the agency responsible for a code list.

| Not Used | | 3228 | **Country sub-entity name** | **C** | | an..70 |
|---|---|---|---|---|---|---|

Name of a country sub-entity.

| Must Use | 3251 | | **POSTAL IDENTIFICATION CODE** | **C** | **1** | an..17 |
|---|---|---|---|---|---|---|

Code specifying the postal zone or address.

Postal code of the location of the party identified, where applicable, such as 2770.

| | | | | | |
|---|---|---|---|---|---|
| **Must Use** | **3207** | **COUNTRY NAME CODE** | **C** | **1** | **an..3** |

Identification of the name of the country or other geographical entity as defined in ISO 3166-1.

Country name code of the country of the party identified as defined in ISO 3166-1 **two alpha country code.**

| | **Group:** | **RFF** Segment Group 3: Reference | |
|---|---|---|---|
| | **Position:** | 0270 | |
| | **Group:** | Segment Group 2 (Name and Address) | Conditional (Required) |
| | **Level:** | 2 | |
| | **Usage:** | Conditional (Dependent) | |
| | **Max Use:** | 1 | |
| | **Purpose:** | A group of segment for giving references only relevant to the specified party rather than the whole invoice. | |
| | **Notes:** | Pet Circle and Supplier's Australian Business Numbers (ABN) must be provided in the Invoice to meet Australia Taxation Office requirements. | |

### Segment Summary

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

| | | Segment: | **RFF** Reference |
|---|---|---|---|

**Segment:** **RFF** Reference
**Position:** 0280 (Trigger Segment)
**Group:** Segment Group 3 (Reference)        Conditional (Dependent)
**Level:** 2
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** A segment identifying the reference by its number and where appropriate a line number within a document.

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Buyer's and Supplier's Australian Business Numbers (ABN) are mandatory fields to be included in the Invoice for Australia Taxation Office requirements.

Examples:

Pet Circle (Buyer) ABN
RFF+AMT:17148151213'

Supplier ABN
RFF+AMT:41605405001'

**Data Element Summary**

| | Data<br>Element | Component<br>Element | Name | Attributes | |
|---|---|---|---|---|---|
| **M** | **C506** | | **REFERENCE** | **M** | **1** |
| | | | Identification of a reference. | | |
| **M** | | **1153** | **Reference code qualifier** | **M** | **an..3** |
| | | | Code qualifying a reference. | | |
| | | AMT | Goods and Services Tax identification number | | |
| | | | An identification number assigned to an organization collecting Goods and Services Taxes (GST). | | |
| **Must Use** | | **1154** | **Reference identifier** | **C** | **an..70** |
| | | | Identifies a reference. | | |
| | | | Australian Business Numbers (ABN) for the party identified in NAD segment:<br>Pet Circle when NAD DE 3035 = BY<br>Supplier when NAD DE 3035 = SU<br><br>If ABN number is not available, an equivalent GST company identification number such as IRD or VAT identification number<br><br>Format: Alphanumeric<br>Maximum length: 35 | | |
| **Not Used** | | **1156** | **Document line identifier** | **C** | **an..6** |
| | | | To identify a line of a document. | | |
| **Not Used** | | **4000** | **Reference version identifier** | **C** | **an..35** |
| | | | To identify the version of a reference. | | |
| **Not Used** | | **1060** | **Revision identifier** | **C** | **an..6** |
| | | | To identify a revision. | | |

**Group:** **CTA** Segment Group 5: Contact Information
**Position:** 0330
**Group:** Segment Group 2 (Name and Address)      Conditional (Required)
**Level:** 2
**Usage:** Conditional (Optional)
**Max Use:** 1
**Purpose:** A group of segments giving contact details of the specific person or department within the party identified in the NAD segment.
**Notes:** This Segment Group is used to identify contact details for the supplier specified in the previous NAD segment (NAD DE 3035 = SU)

## Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 0340 | CTA | Contact Information | M | 1 | |
| D | 0350 | COM | Communication Contact | C | 2 | |

| | **Segment:** | **CTA** Contact Information |
|---|---|---|
| | **Position:** | 0340 (Trigger Segment) |
| | **Group:** | Segment Group 5 (Contact Information)     Conditional (Optional) |
| | **Level:** | 2 |
| | **Usage:** | Mandatory |
| | **Max Use:** | 1 |
| | **Purpose:** | A segment to identify a person or department, and their function, to whom communications should be directed. |
| **Dependency Notes:** | | |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | | Example: |
| | | CTA+SU+:Supplier contact' |

## Data Element Summary

| | Data Element | Component Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| Must Use | 3139 | | **CONTACT FUNCTION CODE** | C | 1 | an..3 |
| | | | Code specifying the function of a contact (e.g. department or person). | | | |
| | | | SU          Supplier contact | | | |
| | | | Department/person to be contacted at the Brand Partner. | | | |
| O | C056 | | **DEPARTMENT OR EMPLOYEE DETAILS** | C | 1 | |
| | | | Code and/or name of a department or employee. Code preferred. | | | |
| Not Used | | 3413 | **Department or employee name code** | C | | an..17 |
| | | | Code specifying the name of a department or employee. | | | |
| Must Use | | 3412 | **Department or employee name** | C | | an..35 |
| | | | Name of a department or employee. | | | |
| | | | Supplier's accounts department contact (DE 3139 = SU). | | | |
| | | | Format: Alphanumeric Maximum length: 35 | | | |

**Segment:** # COM Communication Contact

**Position:** 0350
**Group:** Segment Group 5 (Contact Information)        Conditional (Optional)
**Level:** 3
**Usage:** Conditional (Dependent)
**Max Use:** 2
**Purpose:** A segment to identify a communications type and number for the contact specified in the CTA segment.

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

If this segment is used at least one communication address is required (email or phone)

Example:
COM+accounts@brandpartner.com.au:EM'

## Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C076 | | **COMMUNICATION CONTACT** | M | 3 |
| | | | Communication number of a department or employee in a specified channel. | | |
| M | | 3148 | **Communication address identifier** | M | **an..512** |
| | | | To identify a communication address. | | |
| | | | When DE C076.3155 = EM: an email address of the contact specified in the previous CTA segment | | |
| | | | When DE C076.3155 = TE: a phone number of the contact specified in the previous CTA segment | | |
| | | | Format: Alphanumeric Maximum length: 100 | | |
| M | | 3155 | **Communication address code qualifier** | M | **an..3** |
| | | | Code qualifying the communication address. | | |
| | | EM | Electronic mail | | |
| | | | Exchange of mail by electronic means. | | |
| | | TE | Telephone | | |
| | | | Voice/data transmission by telephone. | | |

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

## Segment Summary

| Pos. No. | Seg. ID | Name | Req. Des. | Max Use | Group: Repeat |
|----------|---------|------|-----------|---------|---------------|
| M    0410 | CUX | Currencies | M | 1 | |

| | | | | | |
|---|---|---|---|---|---|
| **Segment:** | **CUX** Currencies | | | | |

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Example:

CUX+2:AUD:4'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| Must Use | C504 | | **CURRENCY DETAILS** | C | 1 | |
| | | | The usage to which a currency relates. | | | |
| M | | 6347 | **Currency usage code qualifier** | M | an..3 | |
| | | | Code qualifying the usage of a currency. | | | |
| | | | 2          Reference currency | | | |
| | | | The currency applicable to amounts stated. It may have to be converted. | | | |
| Must Use | | 6345 | **Currency identification code** | C | an..3 | |
| | | | Code specifying a monetary unit. | | | |
| | | | Code specifying the currency used for monetary unit Format: ISO 4217 standard three-letter code for currencies worldwide Examples: AUD - Australian Dollar NZD - New Zealand dollar USD - United States Dollar EUR - Euro GBP - Great British pound | | | |
| Must Use | | 6343 | **Currency type code qualifier** | C | an..3 | |
| | | | Code qualifying the type of currency. | | | |
| | | | 4          Invoicing currency | | | |
| | | | The name or symbol of the monetary unit used for calculation in an invoice. | | | |
| | | | Currency code sent is applicable to entire invoice | | | |
| Not Used | | 6348 | **Currency rate value** | C | n..4 | |
| | | | To specify the value of the multiplication factor used in expressing currency units. | | | |
| Not Used | C504 | | **CURRENCY DETAILS** | C | 1 | |
| | | | The usage to which a currency relates. | | | |
| Not Used | | 5402 | **CURRENCY EXCHANGE RATE** | C | 1 | n..12 |
| | | | To specify the rate at which one specified currency is expressed in another specified currency. | | | |
| Not Used | | 6341 | **EXCHANGE RATE CURRENCY MARKET IDENTIFIER** | C | 1 | an..3 |
| | | | To identify an exchange rate currency market. | | | |

| | Group: | **PAT** Segment Group 8: Payment Terms Basis |
| --- | --- | --- |

**Group:** PAT Segment Group 8: Payment Terms Basis
**Position:** 0430
**Group:**
**Level:** 1
**Usage:** Conditional (Optional)
**Max Use:** 99
**Purpose:** A group of segments specifying the terms of payment applicable for the whole invoice.

**Notes:** To specify the payment terms and the discount percentage available to Pet Circle if an invoice is paid on or before the due date or within specified number of days of an invoice date.

Examples:

Basic payment terms as 'mutually defined', and if a payment is received on/or before 15/04/2021 (the date specified in the DTM segment) the discount applied will be 1.25% (or $546.91) of total invoice amount.

PAT+1+ZZZ:::1.25% 14 NET 30+66'
DTM+7:20211115:102'
PCD+12:1.25:13'

Basic payment terms as 'mutually defined'; invoice payment due date 01/05/2021
PAT+1+ZZZ+66'
DTM+7:20210501:102'

### Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
| --- | --- | --- | --- | --- | --- | --- |
| M | 0440 | PAT | Payment Terms Basis | M | 1 | |
| D | 0450 | DTM | Date/Time/Period | C | 1 | |
| O | 0460 | PCD | Percentage Details | C | 1 | |

## PAT Payment Terms Basis

**Segment:** PAT Payment Terms Basis
**Position:** 0440 (Trigger Segment)
**Group:** Segment Group 8 (Payment Terms Basis)    Conditional (Optional)
**Level:** 1
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** A segment identifying the payment terms and date/time basis.
**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

To specify the payment terms basis

Example:

PAT+1+ZZZ:::1.25% 14 NET 30+66'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 4279 | | **PAYMENT TERMS TYPE CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code qualifying the type of payment terms. | | | |
| | | | 1      Basic | | | |
| | | | Payment conditions normally applied. | | | |
| Must Use | C110 | | **PAYMENT TERMS** | C | 1 | |
| | | | Terms of payment code from a specified source. | | | |
| M | | 4277 | **Payment terms description identifier** | M | | an..17 |
| | | | Identification of the terms of payment between the parties to a transaction (generic term). | | | |
| | | | ZZZ      Mutually defined (GS1 Code) | | | |
| | | | As per Pet Circle agreement with supplier | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| O | | 4276 | **Payment terms description** | C | | an..35 |
| | | | Free form description of the conditions of payment between the parties to a transaction. | | | |
| | | | Example: | | | |
| | | | 1.25% 14 NET 30 | | | |
| D | | 4276 | **Payment terms description** | C | | an..35 |
| | | | Free form description of the conditions of payment between the parties to a transaction. | | | |
| O | C112 | | **TERMS/TIME INFORMATION** | C | 1 | |
| | | | Time details in payment terms. | | | |
| M | | 2475 | **Time reference code** | M | | an..3 |
| | | | Code referencing a point in time. | | | |
| | | | 66      Specified date | | | |
| | | | Date specified elsewhere. | | | |
| | | | Date specified within the following DTM segment | | | |
| Not Used | | 2009 | **Terms time relation code** | C | | an..3 |
| | | | Code relating terms to a reference date, time or period. | | | |
| Not Used | | 2151 | **Period type code** | C | | an..3 |
| | | | Code specifying the type of period. | | | |
| Not Used | | 2152 | **Period count quantity** | C | | n..3 |
| | | | Count of the number of periods. | | | |

| Segment: | **DTM** Date/Time/Period | |
|---|---|---|
| **Position:** | 0450 | |
| **Group:** | Segment Group 8 (Payment Terms Basis) | Conditional (Optional) |
| **Level:** | 2 | |
| **Usage:** | Conditional (Dependent) | |
| **Max Use:** | 1 | |
| **Purpose:** | A segment giving the specific date/time/period, if needed, of any payments, discounts, instalments etc. | |

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

This segment is used to specify any dates associated with the payment terms for the invoice.

**DTM segment must be included if PAT DE C112.2475 = 66**

Example:
An effective date for the terms specified in the PAT segment
DTM+7:20220130:102'

### Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C507 | | **DATE/TIME/PERIOD** | M | 1 |
| | | | Date and/or time, or period relevant to the specified date/time/period type. | | |
| M | | 2005 | **Date or time or period function code qualifier** | M | an..3 |
| | | | Code qualifying the function of a date, time or period. | | |
| | | | 7         Effective date/time | | |
| | | | Date and/or time at which specified event or document becomes effective. | | |
| Must Use | | 2380 | **Date or time or period value** | C | an..35 |
| | | | The value of a date, a date and time, a time or of a period in a specified representation. | | |
| Must Use | | 2379 | **Date or time or period format code** | C | an..3 |
| | | | Code specifying the representation of a date, time or period. | | |
| | | | 102        CCYYMMDD | | |
| | | | Calendar date: C = Century ; Y = Year ; M = Month ; D = Day. | | |

| | **Segment:** | **PCD** Percentage Details |
|---|---|---|
| | **Position:** | 0460 |
| | **Group:** | Segment Group 8 (Payment Terms Basis)  Conditional (Optional) |
| | **Level:** | 2 |
| | **Usage:** | Conditional (Optional) |
| | **Max Use:** | 1 |
| | **Purpose:** | A segment specifying the discount, interest, penalty as well as instalment percentage. |
| **Dependency Notes:** | | |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | | To specify the discount percentage available to Pet Circle if an invoice is paid as per specified terms in PAT segment. |

Example:

Prompt payment discount: deduct 1.25% if paying within 14 days of invoice date
PCD+12:1.25:13'

**Data Element Summary**

| | Data Element | Component Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | C501 | | **PERCENTAGE DETAILS** | M | 1 | |
| | | | Percentage relating to a specified basis. | | | |
| M | | 5245 | **Percentage type code qualifier** | M | | an..3 |
| | | | Code qualifying the type of percentage. | | | |
| | | 12 | Discount | | | |
| | | | Discount expressed as a percentage. | | | |
| Must Use | | 5482 | **Percentage** | C | | n..10 |
| | | | To specify a percentage. | | | |
| | | | Value expressed as a percentage of a specified amount without the percentage symbol. Format: Numeric, 2 decimal places | | | |
| Must Use | | 5249 | **Percentage basis identification code** | C | | an..3 |
| | | | Code specifying the basis on which a percentage is calculated. | | | |
| | | 13 | Invoice value | | | |
| | | | Referenced percentage applies on the invoice value. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| Not Used | 4405 | | **STATUS DESCRIPTION CODE** | C | 1 | an..3 |
| | | | Code specifying a status. | | | |

| | | | | | |
|---|---|---|---|---|---|
| **Group:** | **ALC** Segment Group 16: Allowance or Charge | | | | |
| **Position:** | 0740 | | | | |
| **Group:** | | | | | |
| **Level:** | 1 | | | | |
| **Usage:** | Conditional (Optional) | | | | |
| **Max Use:** | 99 | | | | |

**Purpose:** A group of segments specifying allowances and charges for the whole invoice. The allowance or charge specified within this Segment group may either relate to the total invoice in which case it cannot be overridden at detail level, or it can relate to the line items as a default allowance/charge and can be overridden by the ALC Segment group within the detail section. Where relevant, additional information, tax and alternate currency details are to be indicated in the TAX and MOA segments.

The basis for the calculation of the allowance/charge may be a quantity, a percentage, an amount or a rate and one of the Segment group 17-21 should be used accordingly.

**Notes:** The ALC Segment Group is used to indicate additional allowances or charges pertaining to an invoice. Provide only if allowance / charge is applicable to the whole of the invoice. Omit if allowance / charge is applicable to a specific item or items, but not all the items on the invoice, Use the ALC segment in the LIN instead.

**Suppliers can include Allowance or Charge applicable to the whole invoice.**

Example:

Discount of $50.00 is to be applied to the invoice.
ALC+A++++EAB'
MOA+8:50.00'
TAX+7+GST+++:::10.00'
MOA+369:5.00'

### Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 0750 | ALC | Allowance or Charge | M | 1 | |
| Must Use | 0870 | | Segment Group 20: Monetary Amount | C | | 1 |
| Must Use | 0950 | | Segment Group 22: Duty/Tax/Fee Details | C | | 1 |

**Segment:** # ALC Allowance or Charge
**Position:** 0750 (Trigger Segment)
**Group:** Segment Group 16 (Allowance or Charge)      Conditional (Optional)
**Level:** 1
**Usage:** Mandatory
**Max Use:** 1
**Purpose:** A segment identifying the charge or allowance and, where necessary its calculation sequence.

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Pet Circle will use the ALC segment to indicate allowances or charges pertaining to an invoice.

Example:
Freight charge applied to the order.
ALC+C++++FC:::Freight charge'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 5463 | | **ALLOWANCE OR CHARGE CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code qualifying an allowance or charge. | | | |
| | | A | Allowance | | | |
| | | | Code specifying an allowance. | | | |
| | | C | Charge | | | |
| | | | Code specifying a charge. | | | |
| Not Used | C552 | | **ALLOWANCE/CHARGE INFORMATION** | C | 1 | |
| | | | Identification of allowance/charge information by number and/or code. | | | |
| Not Used | 4471 | | **SETTLEMENT MEANS CODE** | C | 1 | an..3 |
| | | | Code specifying the means of settlement. | | | |
| Not Used | 1227 | | **CALCULATION SEQUENCE CODE** | C | 1 | an..3 |
| | | | Code specifying a calculation sequence. | | | |
| Must Use | C214 | | **SPECIAL SERVICES IDENTIFICATION** | C | 1 | |
| | | | Identification of a special service by a code from a specified source or by description. | | | |
| Must Use | | 7161 | **Special service description code** | C | | an..3 |
| | | | Code specifying a special service. | | | |
| | | AA | Advertising allowance | | | |
| | | | Supports the product pages, update and maintenance of brand collection page, featured in variety of banner/s and EDMs, social and other promotional activities throughout the agreement period. Print catalogue spaces attracts separate marketing funding from this rebate. Additionally, supports the promotional activity that is run throughout the agreement period. | | | |
| | | AAH | Processing surcharge | | | |
| | | | Charging for increased processing costs. | | | |
| | | ACZ | Damaged merchandise | | | |
| | | | The charge or credit relating to the circumstance of product being damaged and not saleable. | | | |
| | | | Ullage rebate. This covers incidental damage | | | |
| | | ADY | New product introduction | | | |

|  |  | A service provided by a buyer when introducing a new product from a suppliers range to the range traded by the buyer. |  |  |
|  |  | Launch support enables establishment/amendment of marketing across SEM, SEO, Social, Product Pages & relevant product site assets. Applicable to the initial 1st order placed only. |  |  |
|  | EAB | Early payment allowance |  |  |
|  |  | Allowance granted to customers paying early. |  |  |
|  | FC | Freight charge |  |  |
|  |  | Amount to be paid for moving goods, by whatever means, from one place to another, inclusive discounts, allowances, rebates, adjustment factors and additional cost relating to freight costs . |  |  |
|  | HD | Handling |  |  |
|  |  | Charge for handling of the item. |  |  |
|  | VAB | Volume discount |  |  |
|  |  | Discount offered based on the amount of purchase. |  |  |
| **Not Used** | **1131** | **Code list identification code** | **C** | **an..17** |
|  |  | Code identifying a user or association maintained code list. |  |  |
| **Not Used** | **3055** | **Code list responsible agency code** | **C** | **an..3** |
|  |  | Code specifying the agency responsible for a code list. |  |  |
| **O** | **7160** | **Special service description** | **C** | **an..35** |
|  |  | Free form description of a special service. |  |  |
| **D** | **7160** | **Special service description** | **C** | **an..35** |
|  |  | Free form description of a special service. |  |  |

**Group:** **MOA** Segment Group 20: Monetary Amount

**Position:** 0870
**Group:** Segment Group 16 (Allowance or Charge)          Conditional (Optional)
**Level:** 2
**Usage:** Conditional (Required)
**Max Use:** 1
**Purpose:** A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified e.g.   an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF.
**Notes:** This Segment Group is used to indicate an allowance or a charge amount applicable to an entire invoice.

## Segment Summary

| Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|
| M    0880 | MOA | Monetary Amount | M | 1 | |

| | | | | |
|---|---|---|---|---|
| **Segment:** | **MOA** Monetary Amount | | | |
| **Position:** | 0880 (Trigger Segment) | | | |
| **Group:** | Segment Group 20 (Monetary Amount) | Conditional (Required) | | |
| **Level:** | 2 | | | |
| **Usage:** | Mandatory | | | |
| **Max Use:** | 1 | | | |
| **Purpose:** | A segment identifying the monetary amount for the allowance or charge. | | | |
| **Dependency Notes:** | | | | |
| **Semantic Notes:** | | | | |
| **Comments:** | | | | |
| **Notes:** | This segment is used to provide financial information relating to allowance or charge applicable to the entire invoice. All monetary values are presented as real numbers with 2 decimal places.<br><br>Example:<br><br>Total freight applicable to this order<br>MOA+8:50.00' | | | |

### Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C516 | | MONETARY AMOUNT | M | 1 |
| | | | Amount of goods or services stated as a monetary amount in a specified currency. | | |
| M | | 5025 | Monetary amount type code qualifier | M | an..3 |
| | | | Code qualifying the type of monetary amount. | | |
| | | | 8　　　　　Allowance or charge amount | | |
| | | | [5422] Total amount of allowance or charge. | | |
| Must Use | | 5004 | Monetary amount | C | n..35 |
| | | | To specify a monetary amount. | | |
| | | | Format: Numeric, 2 decimal places<br>Maximum Length: 15 | | |
| Not Used | | 6345 | Currency identification code | C | an..3 |
| | | | Code specifying a monetary unit. | | |
| Not Used | | 6343 | Currency type code qualifier | C | an..3 |
| | | | Code qualifying the type of currency. | | |
| Not Used | | 4405 | Status description code | C | an..3 |
| | | | Code specifying a status. | | |

**Group:** **TAX** Segment Group 22: Duty/Tax/Fee Details
**Position:** 0950
**Group:** Segment Group 16 (Allowance or Charge)      Conditional (Optional)
**Level:** 2
**Usage:** Conditional (Required)
**Max Use:** 1
**Purpose:** A group of segments specifying tax related information for the allowance or charge.
**Notes:** This Segment Group is used to provide the tax rate (GST) and the tax amount applicable to an allowance or a charge.

## Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 0960 | TAX | Duty/Tax/Fee Details | M | 1 | |
| Must Use | 0970 | MOA | Monetary Amount | C | 1 | |

| | Segment: | **TAX** Duty/Tax/Fee Details |
|---|---|---|
| | Position: | 0960 (Trigger Segment) |
| | Group: | Segment Group 22 (Duty/Tax/Fee Details)          Conditional (Required) |
| | Level: | 2 |
| | Usage: | Mandatory |
| | Max Use: | 1 |
| | Purpose: | A segment specifying the tax type, category and rate, or exemption, related to the allowance or charge. |

| | |
|---|---|
| **Dependency Notes:** | |
| **Semantic Notes:** | |
| **Comments:** | |
| **Notes:** | This segment is used to specify tax rate for the allowance or charge.

Example:

GST rate of 10% applies to the allowance.
TAX+7+GST+++:::10.00' |

**Data Element Summary**

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 5283 | | **DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code qualifying the function of a duty or tax or fee. | | | |
| | | | 7          Tax | | | |
| | | | Contribution levied by an authority. | | | |
| Must Use | C241 | | **DUTY/TAX/FEE TYPE** | C | 1 | |
| | | | Code and/or name identifying duty, tax or fee. | | | |
| Must Use | | 5153 | **Duty or tax or fee type name code** | C | | an..3 |
| | | | Code specifying a type of duty, tax or fee. | | | |
| | | | GST          Goods and services tax | | | |
| | | | Tax levied on the final consumption of goods and services throughout the production and distribution chain. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| Not Used | | 5152 | **Duty or tax or fee type name** | C | | an..35 |
| | | | Name of a type of duty, tax or fee. | | | |
| Not Used | C533 | | **DUTY/TAX/FEE ACCOUNT DETAIL** | C | 1 | |
| | | | Indication of account reference for duties, taxes and/or fees. | | | |
| Not Used | | 5286 | **DUTY OR TAX OR FEE ASSESSMENT BASIS VALUE** | C | 1 | an..15 |
| Must Use | C243 | | **DUTY/TAX/FEE DETAIL** | C | 1 | |
| | | | Rate of duty/tax/fee applicable to commodities or of tax applicable to services. | | | |
| Not Used | | 5279 | **Duty or tax or fee rate code** | C | | an..7 |
| | | | Code specifying a rate of a duty or tax or fee. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| Must Use | | 5278 | **Duty or tax or fee rate** | C | | an..17 |
| | | | Rate of a duty or tax or fee. | | | |

| | | | Format: Numeric, 2 decimal places.<br>Maximum length: 5 | | | |
|---|---|---|---|---|---|---|
| **Not Used** | | **5273** | **Duty or tax or fee rate basis code** | **C** | | **an..12** |
| | | | Code specifying the basis for a duty or tax or fee rate. | | | |
| **Not Used** | | **1131** | **Code list identification code** | **C** | | **an..17** |
| | | | Code identifying a user or association maintained code list. | | | |
| **Not Used** | | **3055** | **Code list responsible agency code** | **C** | | **an..3** |
| | | | Code specifying the agency responsible for a code list. | | | |
| **Not Used** | **5305** | | **DUTY OR TAX OR FEE CATEGORY CODE** | **C** | **1** | **an..3** |
| | | | Code specifying a duty or tax or fee category. | | | |
| **Not Used** | **3446** | | **PARTY TAX IDENTIFIER** | **C** | **1** | **an..20** |
| | | | To identify a number assigned to a party by a tax authority. | | | |
| **Not Used** | **1227** | | **CALCULATION SEQUENCE CODE** | **C** | **1** | **an..3** |
| | | | Code specifying a calculation sequence. | | | |

| | | **Segment:** | **MOA** Monetary Amount |
|---|---|---|---|
| | | **Position:** | 0970 |
| | | **Group:** | Segment Group 22 (Duty/Tax/Fee Details)    Conditional (Required) |
| | | **Level:** | 3 |
| | | **Usage:** | Conditional (Required) |
| | | **Max Use:** | 1 |
| | | **Purpose:** | A segment specifying the tax amount for the allowance or charge. |

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

This is the GST amount applicable to the allowance or charge.

Example:

MOA+369:5.00'

## Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | C516 | | **MONETARY AMOUNT** | M | 1 | |
| | | | Amount of goods or services stated as a monetary amount in a specified currency. | | | |
| M | | 5025 | **Monetary amount type code qualifier** | M | an..3 | |
| | | | Code qualifying the type of monetary amount. | | | |
| | | 369 | Goods and services tax | | | |
| | | | Amount charged as tax on goods and services. | | | |
| Must Use | | 5004 | **Monetary amount** | C | n..35 | |
| | | | To specify a monetary amount. | | | |
| | | | Format: Numeric, 2 decimal places Maximum length: 15 | | | |
| Not Used | | 6345 | **Currency identification code** | C | an..3 | |
| | | | Code specifying a monetary unit. | | | |
| Not Used | | 6343 | **Currency type code qualifier** | C | an..3 | |
| | | | Code qualifying the type of currency. | | | |
| Not Used | | 4405 | **Status description code** | C | an..3 | |
| | | | Code specifying a status. | | | |

| | **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 group 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. Each occurrence of LIN will usually correspond to a different product being invoiced. |

**Pet Circle will use Item GTIN as product identification**.

Example:

```
LIN+1'
PIA+1+SKU-002649:IN'
PIA+1+VEN-BBKD55:SA'
IMD+F++:::Cats Best Original Natural Litter 5L'
QTY+47:5:EA'
QTY+59:1'
MOA+128:43.92'
MOA+369:4.39'
MOA+203:48.31'
PRI+AAB:10.98'
TAX+7+GST+++:::10.00'
ALC+A'
PCD+3:20.00:4'
MOA+8:2.196'
```

**Segment Summary**

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
| --- | --- | --- | --- | --- | --- | --- |
| M | 1100 | LIN | Line Item | M | 1 | |
| Must Use | 1110 | PIA | Additional Product Id | C | 2 | |
| Must Use | 1130 | IMD | Item Description | C | 1 | |
| Must Use | 1150 | QTY | Quantity | C | 2 | |
| Must Use | 1250 | | Segment Group 27: Monetary Amount | C | | 3 |
| Must Use | 1330 | | Segment Group 29: Price Details | C | | 1 |
| Must Use | 1550 | | Segment Group 34: Duty/Tax/Fee Details | C | | 1 |
| O | 1720 | | Segment Group 39: Allowance or Charge | C | | 30 |

| | Segment: | **LIN** Line Item |
|---|---|---|
| | **Position:** | 1100 (Trigger Segment) |
| | **Group:** | Segment Group 26 (Line Item)      Conditional (Required) |
| | **Level:** | 1 |
| | **Usage:** | Mandatory |
| | **Max Use:** | 1 |
| | **Purpose:** | A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service invoiced.   Other product identification numbers, e.g.   Buyer product number etc., can be specified within the following PIA segment. |
| **Dependency Notes:** | | |
| **Semantic Notes:** | | |
| **Comments:** | | |
| **Notes:** | | For examples, see explanation in LIN Segment Group Level (SG26) notes. |

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| Must Use | 1082 | | **LINE ITEM IDENTIFIER** | C | 1 | an..6 |
| | | | To identify a line item. | | | |
| | | | Application generated sequential line number of the invoiced item. The line number must be unique within the current message.<br>Format: Numeric<br>Maximum length: 6 | | | |
| Not Used | 1229 | | **ACTION REQUEST/NOTIFICATION DESCRIPTION CODE** | C | 1 | an..3 |
| | | | Code specifying the action to be taken or already taken. | | | |
| O | C212 | | **ITEM NUMBER IDENTIFICATION** | C | 1 | |
| | | | Goods identification for a specified source. | | | |
| Must Use | | 7140 | **Item identifier** | C | | an..35 |
| | | | To identify an item. | | | |
| | | | The Global Trade Item Number (GTIN-8, GTIN-12, GTIN-13) of the invoiced product.<br>Minimum length: 8<br>Maximum length: 14 | | | |
| Must Use | | 7143 | **Item type identification code** | C | | an..3 |
| | | | Coded identification of an item type. | | | |
| | | SRV | EAN.UCC Global Trade Item Number | | | |
| | | | A unique number, up to 14-digits, assigned according to the numbering structure of the EAN.UCC system. 'EAN' stands for the 'International Article Numbering Association', and 'UCC' for the 'Uniform Code Council'. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| Not Used | C829 | | **SUB-LINE INFORMATION** | C | 1 | |
| | | | To provide an indication that a segment or segment group is used to contain sub-line or sub-line item information and to optionally enable the sub-line to be identified. | | | |
| Not Used | 1222 | | **CONFIGURATION LEVEL NUMBER** | C | 1 | n..2 |
| | | | To specify a level within a configuration. | | | |
| Not Used | 7083 | | **CONFIGURATION OPERATION CODE** | C | 1 | an..3 |
| | | | Code specifying the configuration operation. | | | |

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** PIA segment is used to provide the identification of the product being invoiced.

Examples:

PIA+1+SKU-002649:IN'
PIA+1+VEN-BBKD55:SA'

## Data Element Summary

| Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|
| M | 4347 | **PRODUCT IDENTIFIER CODE QUALIFIER** | M | 1 | an..3 |
| | | Code qualifying the product identifier. | | | |
| | 1 | Additional identification | | | |
| | | Information which specifies and qualifies product identifications. | | | |
| | | Used to provide an additional product identification when DE C212.7143 = SA | | | |
| M | C212 | **ITEM NUMBER IDENTIFICATION** | M | 1 | |
| | | Goods identification for a specified source. | | | |
| Must Use | 7140 | **Item identifier** | C | | an..35 |
| | | To identify an item. | | | |
| | | Used to provide primary or additional information for the product being ordered. | | | |
| | | When DE C212.7143 = IN Maximum length: 20 | | | |
| | | When DE C212.7143 = SA Maximum length: 35 | | | |
| Must Use | 7143 | **Item type identification code** | C | | an..3 |
| | | Coded identification of an item type. | | | |
| | IN | Buyer's item number | | | |
| | | The item number has been allocated by the buyer. | | | |
| | | Optional: Pet Circle assigned product code | | | |
| | SA | Supplier's article number | | | |
| | | Number assigned to an article by the supplier of that article. | | | |
| | | Required: supplier's assigned product code. | | | |
| Not Used | 1131 | **Code list identification code** | C | | an..17 |
| | | Code identifying a user or association maintained code list. | | | |
| Not Used | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | Code specifying the agency responsible for a code list. | | | |
| Not Used | C212 | **ITEM NUMBER IDENTIFICATION** | C | 1 | |
| | | Goods identification for a specified source. | | | |

| **Not Used** | **C212** | **ITEM NUMBER IDENTIFICATION** | **C** | **1** |
|---|---|---|---|---|
| | | Goods identification for a specified source. | | |
| **Not Used** | **C212** | **ITEM NUMBER IDENTIFICATION** | **C** | **1** |
| | | Goods identification for a specified source. | | |
| **Not Used** | **C212** | **ITEM NUMBER IDENTIFICATION** | **C** | **1** |
| | | Goods identification for a specified source. | | |

**Segment:** # IMD **Item Description**
**Position:** 1130
**Group:** Segment Group 26 (Line Item)  Conditional (Required)
**Level:** 2
**Usage:** Conditional (Required)
**Max Use:** 1
**Purpose:** A segment for describing the product or service being 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.

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** This segment is used to provide an item description.

Example:

IMD+F++:::Example Product 004'

## Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| Must Use | 7077 | | **DESCRIPTION FORMAT CODE** | C | 1 | an..3 |
| | | | Code specifying the format of a description. | | | |
| | | | F  Free-form | | | |
| | | | Description of an item in free form text. | | | |
| Not Used | C272 | | **ITEM CHARACTERISTIC** | C | 1 | |
| | | | To provide the characteristic of the item being described. | | | |
| Must Use | C273 | | **ITEM DESCRIPTION** | C | 1 | |
| | | | Description of an item. | | | |
| Not Used | | 7009 | **Item description code** | C | | an..17 |
| | | | Code specifying an item. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| Must Use | | 7008 | **Item description** | C | | an..256 |
| | | | Free form description of an item. | | | |
| D | | 7008 | **Item description** | C | | an..256 |
| | | | Free form description of an item. | | | |
| Not Used | | 3453 | **Language name code** | C | | an..3 |
| | | | Code specifying the language name. | | | |
| Not Used | 7383 | | **SURFACE OR LAYER CODE** | C | 1 | an..3 |
| | | | Code specifying the surface or layer of an object. | | | |

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

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

**Invoiced unit of measure (DE C186.6411) must be the same as the ordered product unit of measure.**

Example:

The quantity invoiced is 9 (each).
QTY+47:9:EA'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | C186 | | **QUANTITY DETAILS** | M | 1 | |
| | | | Quantity information in a transaction, qualified when relevant. | | | |
| M | | 6063 | **Quantity type code qualifier** | M | an..3 | |
| | | | Code qualifying the type of quantity. | | | |
| | | | 47            Invoiced quantity | | | |
| | | | The quantity as per invoice. | | | |
| | | | Required: invoiced quantity. | | | |
| M | | 6060 | **Quantity** | M | an..35 | |
| | | | Alphanumeric representation of a quantity. | | | |
| | | | Format: Numeric  Maximum length: 15 | | | |
| D | | 6411 | **Measurement unit code** | C | an..3 | |
| | | | Code specifying the unit of measurement. | | | |
| | | | Recommend use UN/ECE Recommendation 20, Common code.  Required when DE C186.6063 = 47 | | | |
| | | | BG            Bag | | | |
| | | | CT            Carton | | | |
| | | | CS            Case | | | |
| | | | EA            Each | | | |
| | | | PK            Pack | | | |

**Group:** **MOA** Segment Group 27: Monetary Amount
**Position:** 1250
**Group:** Segment Group 26 (Line Item)      Conditional (Required)
**Level:** 2
**Usage:** Conditional (Required)
**Max Use:** 3
**Purpose:** A group of segments specifying any monetary amounts relating to the products and when necessary a currency.
**Notes:** This Segment Group is used to provide financial information relating to a shipment at 'Line Item Level'. All monetary values are presented as real numbers with 2 decimal places.

## Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max Use | Group: Repeat |
|---|---|---|---|---|---|---|
| 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.

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

| Examples: |
| --- |
| Total amount for item excluding GST. This value includes any allowances or charges. MOA+128:230.62' |
| Total GST amount for this line item. MOA+369:23.06' |
| Total amount for item including GST. MOA+203:253.68' |

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
| --- | --- | --- | --- | --- | --- | --- |
| M | C516 | | **MONETARY AMOUNT** | M | 1 | |
| | | | Amount of goods or services stated as a monetary amount in a specified currency. | | | |
| M | | 5025 | **Monetary amount type code qualifier** | M | an..3 | |
| | | | Code qualifying the type of monetary amount. | | | |
| | | | 128 | Total amount | | |
| | | | | The amount specified is the total amount. | | |
| | | | | Required: line Item value excluding GST, but including allowances or charges. | | |
| | | | 203 | Line item amount | | |
| | | | | Goods item total minus allowances plus charges for line item. See also Code 66. | | |
| | | | | Required: line Item value, including GST. | | |
| | | | 369 | Goods and services tax | | |
| | | | | Amount charged as tax on goods and services. | | |
| | | | | Required: line Item GST value. | | |
| Must Use | | 5004 | **Monetary amount** | C | n..35 | |
| | | | To specify a monetary amount. | | | |
| | | | Format: Numeric, 2 decimal places. Maximum length: 15 | | | |
| Not Used | | 6345 | **Currency identification code** | C | an..3 | |
| | | | Code specifying a monetary unit. | | | |
| Not Used | | 6343 | **Currency type code qualifier** | C | an..3 | |
| | | | Code qualifying the type of currency. | | | |
| Not Used | | 4405 | **Status description code** | C | an..3 | |
| | | | Code specifying a status. | | | |

**Group:** PRI **Segment Group 29: Price Details**

**Position:** 1330
  **Group:** Segment Group 26 (Line Item)          Conditional (Required)
  **Level:** 2
  **Usage:** Conditional (Required)
**Max Use:** 1
**Purpose:** A group of segments identifying the relevant pricing information for the goods or services invoiced.
  **Notes:** The calculation price detailed in the Invoice will always be
Net Unit Price, i.e. Gross Price + Charges - Allowances and excluding GST

### Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 1340 | PRI | Price Details | M | 1 | |

| | | | | |
|---|---|---|---|---|
| **Segment:** | **PRI** Price Details | | | |
| **Position:** | 1340 (Trigger Segment) | | | |
| **Group:** | Segment Group 29 (Price Details) | Conditional (Required) | | |
| **Level:** | 2 | | | |
| **Usage:** | Mandatory | | | |
| **Max Use:** | 1 | | | |
| **Purpose:** | A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'price'. | | | |
| **Dependency Notes:** | | | | |
| **Semantic Notes:** | | | | |
| **Comments:** | | | | |
| **Notes:** | Example:<br><br>The price (Gross Price excluding Charges - Allowances and GST) is 44.75.<br>PRI+AAB:44.75' | | | |

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| **Must Use** | C509 | | **PRICE INFORMATION** | C | 1 | |
| | | | Identification of price type, price and related details. | | | |
| **M** | | 5125 | **Price code qualifier** | M | | an..3 |
| | | | Code qualifying a price. | | | |
| | | | AAB Calculation gross | | | |
| | | | The price stated is the gross price to which allowances/ charges must be applied. | | | |
| | | | **The unit price presented in DE C509.5118 is the calculation gross excluding taxes, allowances and charges.** | | | |
| **Must Use** | | 5118 | **Price amount** | C | | n..15 |
| | | | To specify a price. | | | |
| | | | Unit price for item identified in LIN segment.<br>Format: Numeric, up to 4 decimal places<br>Maximum length: 15 | | | |
| **Not Used** | | 5375 | **Price type code** | C | | an..3 |
| | | | Code specifying the type of price. | | | |
| **Not Used** | | 5387 | **Price specification code** | C | | an..3 |
| | | | Code identifying pricing specification. | | | |
| **Not Used** | | 5284 | **Unit price basis value** | C | | n..9 |
| | | | To specify the basis for a unit price. | | | |
| **Not Used** | | 6411 | **Measurement unit code** | C | | an..3 |
| | | | Code specifying the unit of measurement. | | | |
| **Not Used** | 5213 | | **SUB-LINE ITEM PRICE CHANGE OPERATION CODE** | C | 1 | an..3 |
| | | | Code specifying the price change operation for a sub- line item. | | | |

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

## Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 1560 | TAX | Duty/Tax/Fee Details | M | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| **Segment:** | | **TAX** Duty/Tax/Fee Details | | | | |
| **Position:** | | 1560 (Trigger Segment) | | | | |
| **Group:** | | Segment Group 34 (Duty/Tax/Fee Details) | | Conditional (Required) | | |
| **Level:** | | 2 | | | | |
| **Usage:** | | Mandatory | | | | |
| **Max Use:** | | 1 | | | | |
| **Purpose:** | | A segment specifying a tax type, category and rate, or exemption, relating to the line item. | | | | |
| **Dependency Notes:** | | | | | | |
| **Semantic Notes:** | | | | | | |
| **Comments:** | | | | | | |
| **Notes:** | | This segment is used to specify tax rate for the line item being invoiced. | | | | |

Example:

The standard rate of 10% applies to an item
TAX+7+GST+++:::10.00'

**Data Element Summary**

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 5283 | | **DUTY OR TAX OR FEE FUNCTION CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code qualifying the function of a duty or tax or fee. | | | |
| | | | 7      Tax | | | |
| | | |      Contribution levied by an authority. | | | |
| Must Use | C241 | | **DUTY/TAX/FEE TYPE** | C | 1 | |
| | | | Code and/or name identifying duty, tax or fee. | | | |
| Must Use | | 5153 | **Duty or tax or fee type name code** | C | | an..3 |
| | | | Code specifying a type of duty, tax or fee. | | | |
| | | | GST      Goods and services tax | | | |
| | | | Tax levied on the final consumption of goods and services throughout the production and distribution chain. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |
| Not Used | | 5152 | **Duty or tax or fee type name** | C | | an..35 |
| | | | Name of a type of duty, tax or fee. | | | |
| Not Used | C533 | | **DUTY/TAX/FEE ACCOUNT DETAIL** | C | 1 | |
| | | | Indication of account reference for duties, taxes and/or fees. | | | |
| Not Used | 5286 | | **DUTY OR TAX OR FEE ASSESSMENT BASIS VALUE** | C | 1 | an..15 |
| | | | To specify the basis on which a duty or tax or fee will be assessed. | | | |
| Must Use | C243 | | **DUTY/TAX/FEE DETAIL** | C | 1 | |
| | | | Rate of duty/tax/fee applicable to commodities or of tax applicable to services. | | | |
| Not Used | | 5279 | **Duty or tax or fee rate code** | C | | an..7 |
| | | | Code specifying a rate of a duty or tax or fee. | | | |
| Not Used | | 1131 | **Code list identification code** | C | | an..17 |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | | an..3 |
| | | | Code specifying the agency responsible for a code list. | | | |

| Must Use | | 5278 | Duty or tax or fee rate | C | | an..17 |
|---|---|---|---|---|---|---|

Rate of a duty or tax or fee.

Format: Numeric, 2 decimal places.
Maximum length: 5

| Not Used | | 5273 | Duty or tax or fee rate basis code | C | | an..12 |
|---|---|---|---|---|---|---|

Code specifying the basis for a duty or tax or fee rate.

| Not Used | | 1131 | Code list identification code | C | | an..17 |
|---|---|---|---|---|---|---|

Code identifying a user or association maintained code list.

| Not Used | | 3055 | Code list responsible agency code | C | | an..3 |
|---|---|---|---|---|---|---|

Code specifying the agency responsible for a code list.

| Not Used | 5305 | | DUTY OR TAX OR FEE CATEGORY CODE | C | 1 | an..3 |
|---|---|---|---|---|---|---|

Code specifying a duty or tax or fee category.

| Not Used | 3446 | | PARTY TAX IDENTIFIER | C | 1 | an..20 |
|---|---|---|---|---|---|---|

To identify a number assigned to a party by a tax authority.

| Not Used | 1227 | | CALCULATION SEQUENCE CODE | C | 1 | an..3 |
|---|---|---|---|---|---|---|

Code specifying a calculation sequence.

**Group:** # ALC **Segment Group 39: Allowance or Charge**

| | |
|---|---|
| **Position:** | 1720 |
| **Group:** | Segment Group 26 (Line Item)　　　Conditional (Required) |
| **Level:** | 2 |
| **Usage:** | Conditional (Optional) |
| **Max Use:** | 30 |
| **Purpose:** | A group of segments specifying allowances and charges for the line item where this is different to or not specified within the heading section. |
| **Notes:** | This group of segments is used to indicate an allowance or charge applied to the unit price of the line item. The value can be expressed as a percentage or an amount or both. |

**Suppliers can include Allowance or Charge applicable to a specific line item ONLY if that was in the agreed Purchase Order between both parties. The invoice should match the agreed Purchase Order.**

If ALC exist, then at least one of SG41 Percentage Details or SG42 Monetary Amount must exist.

Examples:

The discount is 10% or $2.50.
ALC+A'
PCD+3:10.00:4'
MOA+8:2.50'

ALC+A'
PCD+3:10.00:4'

ALC+A'
MOA+8:2.50'

## Segment Summary

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

| | **Segment:** | **ALC** Allowance or Charge | | | |
|---|---|---|---|---|---|
| | **Position:** | 1730 (Trigger Segment) | | | |
| | **Group:** | Segment Group 39 (Allowance or Charge) | Conditional (Optional) | | |
| | **Level:** | 2 | | | |
| | **Usage:** | Mandatory | | | |
| | **Max Use:** | 1 | | | |
| | **Purpose:** | A segment identifying the charge or allowance and, where necessary its calculation sequence. | | | |
| **Dependency Notes:** | | | | | |
| **Semantic Notes:** | | | | | |
| **Comments:** | | | | | |
| **Notes:** | | The ALC segment is used to indicate allowance (discount) or charge | | | |

Example:
ALC+A'

### Data Element Summary

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | 5463 | | **ALLOWANCE OR CHARGE CODE QUALIFIER** | M | 1 | an..3 |
| | | | Code qualifying an allowance or charge. | | | |
| | | A | Allowance | | | |
| | | | Code specifying an allowance. | | | |
| | | C | Charge | | | |
| | | | Code specifying a charge. | | | |
| Not Used | C552 | | **ALLOWANCE/CHARGE INFORMATION** | C | 1 | |
| | | | Identification of allowance/charge information by number and/or code. | | | |
| Not Used | 4471 | | **SETTLEMENT MEANS CODE** | C | 1 | an..3 |
| | | | Code specifying the means of settlement. | | | |
| Not Used | 1227 | | **CALCULATION SEQUENCE CODE** | C | 1 | an..3 |
| | | | Code specifying a calculation sequence. | | | |
| Not Used | C214 | | **SPECIAL SERVICES IDENTIFICATION** | C | 1 | |
| | | | Identification of a special service by a code from a specified source or by description. | | | |

|  | **Group:** | **PCD** **Segment Group 41: Percentage Details** | | |
|---|---|---|---|---|
|  | **Position:** | 1800 | | |
|  | **Group:** | Segment Group 39 (Allowance or Charge) | | Conditional (Optional) |
|  | **Level:** | 3 | | |
|  | **Usage:** | Conditional (Dependent) | | |
|  | **Max Use:** | 1 | | |
|  | **Purpose:** | A group of segments specifying the percentage for the allowance or charge e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons. | | |
|  | **Notes:** | To identify a unit price percentage allowance or charge.<br><br>Example:<br><br>Discount applicable to this line item unit price is 10.00%.<br>PCD+3:10.00:4' | | |

**Segment Summary**

| Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|
| M | 1810 | PCD | Percentage Details | M | 1 |

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

Example:

A unit cost discount applicable to this line item is 2.5%.
PCD+3:2.50:4'

**Data Element Summary**

| | Data Element | Component Element | Name | | Attributes | |
|---|---|---|---|---|---|---|
| M | C501 | | **PERCENTAGE DETAILS** | M | 1 | |
| | | | Percentage relating to a specified basis. | | | |
| M | | 5245 | **Percentage type code qualifier** | M | an..3 | |
| | | | Code qualifying the type of percentage. | | | |
| | | | 3         Allowance or charge | | | |
| | | | [5424] Allowance or charge expressed as a percentage. | | | |
| Must Use | | 5482 | **Percentage** | C | n..10 | |
| | | | To specify a percentage. | | | |
| | | | Value expressed as a percentage of a specified amount without the percentage symbol<br>Format: Numeric, 2 decimal places | | | |
| Must Use | | 5249 | **Percentage basis identification code** | C | an..3 | |
| | | | Code specifying the basis on which a percentage is calculated. | | | |
| | | | 4         Per unit price | | | |
| | | | Reduction percentage is applied on the unit price, which is the basis of the charge calculation. | | | |
| Not Used | | 1131 | **Code list identification code** | C | an..17 | |
| | | | Code identifying a user or association maintained code list. | | | |
| Not Used | | 3055 | **Code list responsible agency code** | C | an..3 | |
| | | | Code specifying the agency responsible for a code list. | | | |
| Not Used | 4405 | | **STATUS DESCRIPTION CODE** | C | 1 | an..3 |
| | | | Code specifying a status. | | | |

**Group: MOA** Segment Group 42: Monetary Amount

| | |
|---|---|
| **Position:** | 1830 |
| **Group:** | Segment Group 39 (Allowance or Charge)      Conditional (Optional) |
| **Level:** | 3 |
| **Usage:** | Conditional (Dependent) |
| **Max Use:** | 1 |
| **Purpose:** | A group of segments specifying a monetary amount for an allowance or charge. A range to which the allowance or charge applies can be specified e.g.   an allowance of 5000 BEF may be specified if goods value ordered is greater than 100000 BEF. |
| **Notes:** | This segment is used to provide information relating to the discount applicable to the line item. |

### Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 1890 | MOA | Monetary Amount | M | 1 | |

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

Example:

An allowance amount applicable to this line item unit price is $1.50.
MOA+8:1.50'

## Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C516 | | **MONETARY AMOUNT** | M | 1 |
| | | | Amount of goods or services stated as a monetary amount in a specified currency. | | |
| M | | 5025 | **Monetary amount type code qualifier** | M | an..3 |
| | | | Code qualifying the type of monetary amount. | | |
| | | 8 | Allowance or charge amount | | |
| | | | [5422] Total amount of allowance or charge. | | |
| Must Use | | 5004 | **Monetary amount** | C | n..35 |
| | | | To specify a monetary amount. | | |
| | | | Format: Numeric, up to 4 decimal places<br>Maximum length: 15 | | |
| Not Used | | 6345 | **Currency identification code** | C | an..3 |
| | | | Code specifying a monetary unit. | | |
| Not Used | | 6343 | **Currency type code qualifier** | C | an..3 |
| | | | Code qualifying the type of currency. | | |
| Not Used | | 4405 | **Status description code** | C | an..3 |
| | | | Code specifying a status. | | |

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Example:

UNS+S'

## Data Element Summary

| Data Element | Component Element | Name | | Attributes | | |
|---|---|---|---|---|---|---|
| M | 0081 | **SECTION IDENTIFIER** | | M | 1 | a1 |

A character identifying the next section in a message.

    S          Detail/summary section separation

              To qualify the segment UNS, when separating the detail from the summary section of a message.

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Example:

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

## Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C270 | | **CONTROL** | M | 1 |
| | | | Control total for checking integrity of a message or part of a message. | | |
| M | | 6069 | **Control total type code qualifier** | M | an..3 |
| | | | Code qualifying the type of control of hash total. | | |
| | | 2 | Number of line items in message | | |
| | | | Total count of LIN segments, representing the number of line items being Invoiced. | | |
| M | | 6066 | **Control total value** | M | n..18 |
| | | | To specify the value of a control quantity. | | |
| Not Used | | 6411 | **Measurement unit code** | C | an..3 |
| | | | Code specifying the unit of measurement. | | |

| | | | |
|---|---|---|---|
| **Group:** | **MOA** Segment Group 50: Monetary Amount | | |
| **Position:** | 2190 | | |
| **Group:** | | | |
| **Level:** | 1 | | |
| **Usage:** | Mandatory | | |
| **Max Use:** | 3 | | |
| **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:** | This Segment Group is used to provide financial information relating to a shipment at 'Total Value Level'. All monetary values are presented in real numbers with 2 decimal places. | | |

If required, the following formula will assist in validating the total value of the invoice against each priced line item:

A = Quantity invoiced for each line item (QTY DE C186.6063 = 47)
B = Unit price per quantity (PRI DE C509.5118)
D = Calculated monetary value per line

$D = A * B$

Total invoice value excluding GST is accumulated from each resultant value per line.

Example:

Total value of this invoice, exclusive of GST.
MOA+128:1380.23'

### Segment Summary

| | Pos. No. | Seg. ID | Name | Req. Des. | Max. Use | Group: Repeat |
|---|---|---|---|---|---|---|
| M | 2200 | MOA | Monetary Amount | M | 1 | |

| | | | Segment: | **MOA** Monetary Amount |
|---|---|---|---|---|

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Examples:

Total amount for the invoice excluding GST.
MOA+128:354.17'

Total GST amount for this invoice.
MOA+369:35.42'

Total amount for the invoice including GST.
MOA+39:389.59'

## Data Element Summary

| | Data Element | Component Element | Name | Attributes | |
|---|---|---|---|---|---|
| M | C516 | | **MONETARY AMOUNT** | M | 1 |
| | | | Amount of goods or services stated as a monetary amount in a specified currency. | | |
| M | | 5025 | **Monetary amount type code qualifier** | M | an..3 |
| | | | Code qualifying the type of monetary amount. | | |
| | | 39 | Invoice total amount | | |
| | | | [5444] Total sum charged in respect of one or more Invoices in accordance with the terms of delivery. | | |
| | | | Total invoice amount including GST is the invoice total after allowances/charges and GST. | | |
| | | 128 | Total amount | | |
| | | | The amount specified is the total amount. | | |
| | | | Total invoice amount excluding GST is sum of line amounts excluding GST plus any allowances/charges amount. | | |
| | | 369 | Goods and services tax | | |
| | | | Amount charged as tax on goods and services. | | |
| | | | Total invoice GST amount is sum of line GST amounts plus GST on allowances/charges. | | |
| Must Use | | 5004 | **Monetary amount** | C | n..35 |
| | | | To specify a monetary amount. | | |
| | | | Format:   Numeric, 2 decimal places Maximum length: 15 | | |
| Not Used | | 6345 | **Currency identification code** | C | an..3 |
| | | | Code specifying a monetary unit. | | |
| Not Used | | 6343 | **Currency type code qualifier** | C | an..3 |
| | | | Code qualifying the type of currency. | | |
| Not Used | | 4405 | **Status description code** | C | an..3 |
| | | | Code specifying a status. | | |

**Segment:** # UNT Message Trailer

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

**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:**

Example:

There are 41 segments within the UNH-UNT loop inclusively.
UNT+41+1'

### Data Element Summary

| | Data Element | Component Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | 0074 | | **NUMBER OF SEGMENTS IN A MESSAGE** | M | 1 | n..6 |
| | | | Control count of number of segments in a message. | | | |
| M | 0062 | | **MESSAGE REFERENCE NUMBER** | M | 1 | an..14 |
| | | | Unique message reference assigned by the sender. | | | |
| | | | Sequence number of the message in the interchange. DE 0062 in the UNT segment will be exactly the same as 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
**Dependency Notes:**
**Semantic Notes:**
**Comments:**
**Notes:** Example:

UNZ+1+73920001'

## Data Element Summary

| | Data Element | Component Element | Name | Attributes | | |
|---|---|---|---|---|---|---|
| M | 0036 | | **INTERCHANGE CONTROL COUNT** | M | 1 | n..6 |

Count either the number of messages or, if used, the number of functional groups in an interchange.

Total count of UNH/UNT segment loop repeats.

| | | | | | | |
|---|---|---|---|---|---|---|
| M | 0020 | | **INTERCHANGE CONTROL REFERENCE** | M | 1 | an..14 |

Unique reference assigned by the sender to an interchange.

The value presented here must match with the value presented in DE 0020 in segment UNB.

## Example Invoice Message – Tax Invoice

```
UNA:+.? '
UNB+UNOC:3+SUPPLIER_GLN:14+PET CIRCLE:ZZZ+211122:1430+12341++++1'
UNH+1+INVOIC:D:01B:UN:EAN011'
BGM+388:::TAX INVOICE+INV566343+9'
DTM+137:20211122:102'
RFF+AAK:25488'
RFF+CN:9900857'
RFF+ON:PO-00000100'

NAD+BY+9377779384084::9++MILLELL PTY LTD+Level 7, 9 Castlereagh St+Sydney+NSW+2000+AU'
RFF+AMT:17148151213'

NAD+SU+SUP-00025::92++Best Pet Product+PO BOX 999+Richmond+VIC+3121+AU'
RFF+AMT:41XXXYYYZ01'
CTA+SU+:AR Contact'
COM+03 9077 0683:TE'
COM+Seller@supplier.com.au:EM'

NAD+ST+9377779384091::9++Eastern Creek DC+Warehouse 3, 60 Wallgrove Rd+Eastern Creek+NSW+2770+AU'

CUX+2:AUD:4'

PAT+1+ZZZ:::1.25% 14 NET 30+66'
DTM+7:20211206:102'
PCD+12:1.25:13'

ALC+A++++VAB'
MOA+8:20.00'
TAX+7+GST+++:::10.00'
MOA+369:2.00'

LIN+1++9312239001767:SRV'
PIA+1+SKU-002649:IN'
PIA+1+VEN-BBKD55:SA'
IMD+F++:::Cats Best Original Natural Litter 5L'
QTY+47:5:EA'
MOA+128:43.92'
```

MOA+369:4.39'
MOA+203:48.31'
PRI+AAB:10.98'
TAX+7+GST+++:::10.00'
ALC+A'
PCD+3:20.00:4'
MOA+8:2.196'

LIN+2++4002973191811:SRV'
PIA+1+SKU-002652:IN'
PIA+1+VEN-BBKD778:SA'
IMD+F++:::Cats Best Original Natural Litter 30L'
QTY+47:6:EA'
MOA+128:258.42'
MOA+369:25.84'
MOA+203:284.26'
PRI+AAB:43.07'
TAX+7+GST+++:::10.00'

UNS+S'

CNT+2:2'
MOA+39:310.57'
MOA+128:282.34'
MOA+369:28.23'

UNT+51+1'
UNZ+1+12341'

## Example Invoice Message – Credit Note

```
UNA:+.? '
UNB+UNOC:3+SUPPLIER_GLN:14+PET CIRCLE:ZZZ+211122:1430+12345++++1'
UNH+1+INVOIC:D:01B:UN:EAN011'
BGM+381:::CREDIT NOTE+CR566343+9'
DTM+137:20211122:102'
RFF+AAK:25488'
RFF+OI:INV566343'
RFF+ON:PO-00000100'
NAD+BY+9377779384084::9++MILLELL PTY LTD+Level 7, 9 Castlereagh St+Sydney+NSW+2000+AU'
RFF+AMT:17148151213'
NAD+SU+SUP-00025::92++Best Pet Product+PO BOX 999+Richmond+VIC+3121+AU'
RFF+AMT:41XXXYYYZ01'
NAD+ST+9377779384091::9++Eastern Creek DC+Warehouse 3, 60 Wallgrove Rd+Eastern Creek+NSW+2770+AU'
CUX+2:AUD:4'
LIN+1++4002973191811:SRV'
PIA+1+SKU-002652:IN'
PIA+1+VEN-BBKD778:SA'
IMD+F++:::Cats Best Original Natural Litter 30L'
QTY+47:2:EA'
MOA+128:86.14'
MOA+369:8.61'
MOA+203:94.75'
PRI+AAB:43.07'
TAX+7+GST+++:::10.00'
UNS+S'
CNT+2:1'
MOA+128:86.14'
MOA+369:8.61'
MOA+39:94.75'
UNT+28+1'
UNZ+1+12345'
```

***Disclaimer***

*All samples shown are for illustration purposes only and may not be true representation of actual values.*