Message Implementation Guideline

Invoice Message

INVOIC

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

Version 1.5

July 2023

Document Change Control

Document Version	Released	By	Changes
V1.0	04 February 2016	SPS Commerce	Created Document
V1.1	15 March 2016	SPS Commerce	Added THE ICONIC GLN
V1.2	23 May 2016	SPS Commerce	Changed 'Item description' (IMD DE C273.7008) maximum length from 80 to 256
V 1.3	08 March 2018	SPS Commerce	Changed the maximum length for fields **Invoice** number, Bill of lading number, Carrier's reference number, Order number, supplier/ vendor number and Vendor Part Number.
V 1.4	05 December 2019	SPS Commerce	Added new currency code CAD
V 1.5	July 2023	SPS Commerce	Updated example

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 THE ICONIC.

Who should use this Guide

This guide is intended for use by THE ICONIC 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.
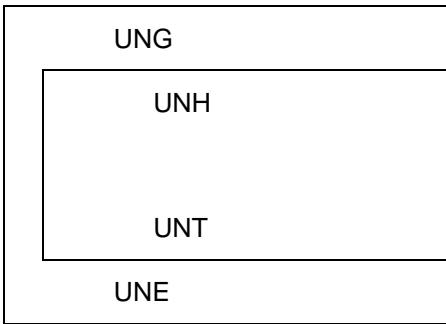
1.2 UN/EDIFACT Syntax

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 THE ICONIC 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 THE ICONIC 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. THE ICONIC interchanges will include the UNA segment, as the UN/EDIFACT character set (C) will be used.

Segments UNG..UNE are Conditional/Optional. These segments will not be sent 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	

THE ICONIC Business Rules for an Electronic Invoice

THE ICONIC is requiring suppliers to provide electronic Invoices for all shipments sent for electronically created orders. This information will be used by THE ICONIC to automate the receipt of invoices using the three way matching functionality within their financial systems against the Despatch Advice and Purchase Order and apply the Invoice into their accounts payable system for timely payments to the suppliers. The suppliers are to create one Invoice per single Purchase Order and Despatch Advice.

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

Syntax & Service Report (CONTRL) message

A CONTRL message at interchange level is expected for all documents exchanged between the Suppliers and THE ICONIC.

If the Supplier does not receive a CONTRL after sending an Invoice, the Supplier must follow through with SPS Commerce to resolve the problem.

Only an acknowledgment of receipt of an interchange for all messages is required. Any errors found in any message must be communicated promptly with personnel responsible for the transaction.

Overview

This electronic Invoice implementation process is based on the Supplier providing a separate and unique Invoice document for each delivery - One Invoice message per Despatch Advice message.

Once a Supplier transitions to electronic Invoices with THE ICONIC, sending paper invoices with the goods will no longer be required. THE ICONIC will still require paper PODs (Proof of Delivery) such as Delivery Docket or a Consignment Note.

THE ICONIC can accept one electronic invoice per Purchase Order.

Document Validations

THE ICONIC will implement some basic, common validation rules after receipt of the electronic invoice document.

1. HEADER Level

An electronic Invoice will fail the matching process if any of the following Header level validation rules are not met:

a. The Supplier's ABN number or an equivalent company identification number such as VAT identification number is not included on the electronic Invoice document, or does not match THE ICONIC's system records.

b. The electronic Invoice is a duplicate of a previously accepted and processed Invoice. A duplicate electronic Invoice is defined as having the same: Invoice Number, Supplier Number and Purchase Order Number.

c. If the Purchase Order Number is not included in the electronic Invoice document, or does not match the original Purchase Order.

d. The Supplier Number is not included in the electronic Invoice document, or does not match the Supplier Number on the original Purchase Order sent by THE ICONIC.

e. The delivery location is not included on the electronic Invoice or does not match the original Purchase Order.

f. If an electronic Invoice total does not match the expected total based on THE ICONIC's calculations. Suppliers will need to understand how THE ICONIC calculates this figure.

2. Item Level

An electronic Invoice will fail the matching process if any of the following Line Item level validation rules are not met:

a. If the electronic Invoice Quantity does not equal DESADV Quantity.

b. If the electronic Invoice Quantity does not equal Goods Receipt Quantity.

c. If the electronic Invoice Price does not equal the Purchase Order Price.

d. If the electronic Invoice Price does not equal the Purchase Order Response Price.

e. If any line item on the electronic Invoice does not have a valid GTIN or THE ICONIC item number.

f. If any line item on the electronic Invoice has a GTIN or THE ICONIC item number that does not match the DESADV.

g. If any line item on the electronic Invoice has a GST rate that does not match THE ICONIC's system records.

Exception Handling

The Buying party will need to contact the Supplier for any electronic Invoice that fails to meet any of the validation rules they apply, identifying the detail and reason for the electronic Invoice failing matching process. Notification could be by electronic or manual means.

The process of resolving matching issues between individual Suppliers and THE ICONIC will remain as they currently are for the existing paper process, which is revert to a manual process.

INVOIC Invoice Message

Introduction:

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

For this implementation, THE ICONIC requires the message to be explicitly stated as a "TAX INVOICE".

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:

1) All invoice messages received from participating Suppliers will be acknowledged with a CONTRL syntax and service report to confirm the receipt of the Interchange.

Business Rules:

1) The 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.

Usage notes:

M   Specified within the Standards as Mandatory, used as a trigger element.
Must Use   Required by THE ICONIC 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 element 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.

Heading Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M		UNA	Service String Advice	M	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-DTM	C		3	
M	0130	RFF	Reference	M	1		
O	0140	DTM	Date/Time/Period	C	1		
Must Use	0220		Segment Group 2: NAD-FII-SG3	C		4	
M	0230	NAD	Name and Address	M	1		
O	0250	FII	Financial Institution Information	C	1		
Must Use	0270		Segment Group 3: RFF	C		1	
M	0280	RFF	Reference	M	1		
Must Use	0400		Segment Group 7: CUX	C		1	
M	0410	CUX	Currencies	M	1		
O	0430		Segment Group 8: PAT-DTM-PCD-MOA	C		10	
M	0440	PAT	Payment Terms Basis	M	1		
D	0450	DTM	Date/Time/Period	C	1		
D	0460	PCD	Percentage Details	C	1		
O	0470	MOA	Monetary Amount	C	1		
O	0740		Segment Group 16: ALC-SG19-SG20	C		9999	
M	0750	ALC	Allowance or Charge	M	1		
D	0840		Segment Group 19: PCD	C		1	
D	0850	PCD	Percentage Details	M	1		
D	0870		Segment Group 20: MOA	C		2	
M	0880	MOA	Monetary Amount	M	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-MEA-QTY-SG27-SG29-SG34-SG39	C		9999	
M	1100	LIN	Line Item	M	1		
Must Use	1110	PIA	Additional Product Id	C	2		
Must Use	1130	IMD	Item Description	C	1		
O	1140	MEA	Measurements	C	2		
Must Use	1150	QTY	Quantity	C	1		
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		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
D	1800		Segment Group 41: PCD	C		1	
M	1810	PCD	Percentage Details	M	1		
D	1830		Segment Group 42: MOA	C		2	
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:	Mandatory			
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

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(r) 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+9377779346556:14+160203:1005+73920001++++1'
UNB+UNOC:3+SUPPLIER_GLN:14+TST1THEICONIC:ZZZ+160203:1005+73920001++++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 8859-1 : Information processing - 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.			
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 (European Article Numbering Association)		
				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.			

			THE ICONIC will use the following addresses:			
			Production EDI Identifier		**9377779346556**	
			Testing & Certification EDI Identifier		**TST1THEICONIC**	
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 European Article Numbering Association.
		THE ICONIC code qualifier used for Production
ZZZ		Mutually defined
		THE ICONIC 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. Feb 05th, 2016 is presented as 160205

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 Iconic 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.

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:EAN010'

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 the message in the interchange. DE 0062 in the UNH segment will be exactly the same as in the UNT segment.			
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.			
			EAN010 EAN Version Control Number			

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:
BGM+388:::TAX INVOICE+432097+9'

This example identifies the document as being an original Tax Invoice using the code value 388. The document has the reference number 432097.

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.		
			388 Tax invoice		
			An invoice for tax purposes.		
			Invoice will be coded 388 Tax Invoice to comply with the Australian Tax Office Rules		
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.		
			Required: Literal text value TAX INVOICE		
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 document sender (Vendor) must always be unique. Format: Alphanumeric Minimum length: 1 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**

THE ICONIC INVOIC

Segment:	**DTM** Date/Time/Period			
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 February 4, 2016
DTM+137:20160204:102'

Note that 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.		
			Required: 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

Segment: **FTX** Free Text
Position: 0070
Group:
Level: 1
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**	M		an..512	
			Free form text.				
			Format: Alphanumeric Maximum length: 512				
Not Used		4440	**Free text**	M		an..512	
Not Used		4440	**Free text**	M		an..512	
Not Used		4440	**Free text**	M		an..512	
Not Used		4440	**Free text**	M		an..512	

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

Position: 0120

Group:

Level: 1

Usage: Conditional (Required)

Max Use: 3

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

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0130	RFF	Reference	M	1	
O	0140	DTM	Date/Time/Period	C	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:		THE ICONIC requires the original order number, and the carrier's reference number or the bill of lading number returned in the invoice.

Example:
RFF+ON:P3399951'
RFF+CN:DES587441' |

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.		
			BM　　　Bill of lading number		
			Reference number assigned to a bill of lading		
			Conditional: Either Bill of Lading number or Carrier Carrier's reference number (Consignment note number) must be present in invoice.		
			CN　　　Carrier's reference number		
			Reference number assigned by carrier to a consignment.		
			Conditional: Either Bill of Lading number or Carrier Carrier's reference number (Consignment note number) must be present in invoice.		
			ON　　　Order number (purchase)		
			Reference number assigned by the buyer to an order		
			Required: A valid Purchase Order Number as shown in the original purchase order sent from THE ICONIC.		
Must Use		1154	**Reference identifier**	C	an..70
			Identifies a reference.		
			Required: Provide reference number as qualified in DE 1153
Format (DE 1153 = BM): Alphanumeric
Minimum length: 1
Maximum length: 20

Format (DE 1153 = CN): Alphanumeric
Minimum length: 1
Maximum length: 30

Format (DE 1153 = ON): Alphanumeric
Minimum length: 1
Maximum length: 20 | | |
Not Used		1156	**Document line identifier**	C	an..6
Not Used		4000	**Reference version identifier**	C	an..35
Not Used		1060	**Revision identifier**	C	an..6

		Segment:	**DTM** Date/Time/Period		

Segment: **DTM** Date/Time/Period
Position: 0140
Group: Segment Group 1 (Reference)   Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying the date/time related to the reference.
Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is optional and used only when RFF DE 1153 = ON

Data Element Summary

Data Element	Component Element	Name		Attributes
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.		
		171	Reference date/time	
			Date/time on which the reference was issued.	
Must Use	**2380**	**Date or time or period text**	**C**	**an..35**
		The value of a date, a date and time, a time or of a period in a specified representation.		
		The original purchase order date		
Must Use	**2379**	**Date or time or period format code**	**C**	**an..3**
		Code specifying the representation of a date, time or period.		
		102	Qualifier for CCYYMMDD date format.	
			Calendar date: C = Century ; Y = Year ; M = Month ; D = Day.	

Group: # NAD Segment Group 2: Name and Address
Position: 0220
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 4
Purpose: A group of segments identifying the parties with associated information.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0230	NAD	Name and Address	M	1	
O	0250	FII	Financial Institution Information	C	5	
Must Use	0270		Segment Group 3: Reference	C		1

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

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to provide information identifying the parties involved including the buyer, supplier and the ship to location, assigned by THE ICONIC in the original purchase order message.

Locations and buying contact details provided in the purchase order message will remain the same as long as the purchase order remains active.

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

Example:
NAD+BY+9377779346556::9++THE ICONIC+CNR COMWAY & CARRINGTON STREETS+LISMORE+NSW+2480'

NAD+SU+01999246::92++SUPPLIER PTY LTD+PO BOX 999+CAROLE PARK+QLD+4300'

NAD+ST+001::92++THE ICONIC Warehouse+147-151 Newton Road+WETHERILL PARK+NSW+2164'

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: Used to identify the buyer responsible for the order the invoice relates to.

RE   Party to receive commercial invoice remittance

Party to whom payment for a commercial invoice or bill should be remitted.

Optional: required when the party receiving the payment is not the Corporate location

ST   Ship to

Identification of the party to where goods will be or have been shipped.

Required: Ship To location code

SU   Supplier

Party who supplies goods and/or services.

Required: Used to identify the supplier responsible for the order.

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:

THE ICONIC Buyer ID (DE 3035 = BY)
Format (DE 3035 = BY): EAN13
Minimum length: 13
Maximum length: 13
OR
Format (DE 3035 = BY): Alphanumeric

THE ICONIC Assigned ship to location number (DE 3035 = ST)
Format (DE 3035 = ST): Alphanumeric

THE ICONIC Assigned supplier number (DE 3035 = SU)
Format (DE 3035 = SU): Alphanumeric
Minimum length: 1
Maximum length: 20

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.		
		9	EAN (International Article Numbering association)		
			International Article Numbering association.		
			Conditional: Used only if data provided in DE 3039 is in EAN GLN format.		
		92	Assigned by buyer or buyer's agent		
			Codes assigned by a buyer or buyer's agent.		
			Conditional: Used only if data provided in DE 3039 is a non-GLN code.		
Not Used	C058		**NAME AND ADDRESS**	C	1
			Unstructured name and address: one to five lines.		
O	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. This includes:
- THE ICONIC buying office name (DE 3035 = BY)
- THE ICONIC DC name (DE 3035 = ST)
- The Supplier name (DE 3035 = SU)

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.		

O	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.

Conditional: Street address (line 1) of the party identified, where applicable.

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.

Conditional: Street address (line 2) of the party identified, where applicable.
Omit if street address line 1 is empty.

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.

O	3164	**CITY NAME**	C	1	an..35

Name of a city.

Conditional: City or suburb of the location of the party identified.

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

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

M		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, such as NSW, VIC, etc.

Format: Alphanumeric
Minimum length: 2
Maximum length: 3

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.

O	3251	**POSTAL IDENTIFICATION CODE**	C	1	an..17

Code specifying the postal zone or address.

Conditional: Postal code of the location of the party identified.

Format: Alphanumeric
Minimum length: 4
Maximum length: 4

O	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.

Conditional: Country name code of the country of the party identified.

Format: Alphanumeric
Minimum length: 2
Maximum length: 3

Segment:			**FII** Financial Institution Information		
Position:			0250		
Group:			Segment Group 2 (Name and Address) Conditional (Required)		
Level:			2		
Usage:			Conditional (Optional)		
Max Use:			1		
Purpose:			A segment identifying the financial institution (e.g. bank) and relevant account numbers for the seller, buyer and where necessary other parties.		

Dependency Notes:
Semantic Notes:
Comments:

Notes: This segment provides the financial institution (e.g. bank) and relevant account information for the supplier.

Example:
FII+SU+636222-888456789:ACCOUNTNAME'

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.			
			SU Supplier			
			Party who supplies goods and/or services.			
Must Use	**C078**		**ACCOUNT HOLDER IDENTIFICATION**	**C**	**1**	
			Identification of an account holder by account number and/or account holder name in one or two lines. Number preferred.			
M		**3194**	**Account holder identifier**	**C**		**an..35**
			To identify the holder of an account.			
			Bank account number Format: BSB-ACCOUNTNO			
D		**3192**	**Account holder name**	**C**		**an..35**
			Name of the holder of an account.			
			Bank account name			
Not Used		**3192**	**Account holder name**	**C**		**an..35**
			Name of the holder of an account.			
Not Used		**6345**	**Currency identification code**	**C**		**an..3**
			Code specifying a monetary unit.			
Not Used	**C088**		**INSTITUTION IDENTIFICATION**	**C**	**1**	
			Identification of a financial institution by code branch number, or name and name of place. Code or branch number preferred.			
Not Used	**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.			

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

Segment Summary

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

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

Example:

THE ICONIC (Buyer) ABN
RFF+XA:34000908716'

Supplier ABN
RFF+XA:41605405001'

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.		
			XA Company/place registration number		
			Company registration and place as legally required.		
			Required: Used to provide ABN for the party identified in NAD Segment Group 2, i.e.		
			NAD DE 3035 = BY for THE ICONIC ABN / GST Number		
			NAD DE 3035 = SU for ABN / GST of the party receiving the payment (Supplier).		
Must Use		1154	**Reference identifier**	C	an..70
			Identifies a reference.		
			Australian Business Numbers (ABN) If ABN number is not available, an equivalent company identification number such as VAT identification number		
			Format (DE 1153 = XA): Alphanumeric (no space padding) Minimum length: 11 Maximum length: 14		
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:	**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.

Segment Summary

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

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:

> THE ICONIC will use this segment to identify the currency used in the invoice i.e. the invoice currency.
>
> Example:
> CUX+2:NZD:4'

Data Element Summary

Data Element	Component Element	Name		Attributes	
	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 AUD - Australian Dollar USD - United States Dollar EUR - Euro SGD - Singapore Dollar GBP - British Pound NZD - New Zealand Dollar CAD- Canadian dollar			
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.			
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

Position: 0430
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 10
Purpose: A group of segments specifying the terms of payment applicable for the whole invoice.
Notes: To specify the payment terms basis and the applicable interest charges if the payment due date is not met.

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	
D	0460	PCD	Percentage Details	C	1	
O	0470	MOA	Monetary Amount	C	1	

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+18+7:::Payment terms defined in agreement :signed Feb 5 2016'

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.			
		18	Previously agreed upon			
			Payment terms have been previously agreed upon.			
			As per THE ICONIC agreement with the supplier			
	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).			
		7	Payment means specified in commercial account summary			
			An indication that the payment means are specified in a commercial account summary.			
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.			
			Description: conditions of payment between the supplier and THE ICONIC			
D		4276	**Payment terms description**	C		an..35
			Free form description of the conditions of payment between the parties to a transaction.			
Not Used	C112		**TERMS/TIME INFORMATION**	C	1	
			Time details in payment terms.			
Not Used		2475	**Time reference code**	M		an..3
			Code referencing a point in time.			
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

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:

To specify the payment due date of this invoice

Example:
Payment due date is 31st March 2016
DTM+140:20160331:102'

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.		
			140 Payment due date		
			Date/time at which funds should be made available.		
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		

Segment: **PCD** Percentage Details

Position: 0460

Group: Segment Group 8 (Payment Terms Basis) Conditional (Optional)

Level: 2

Usage: Conditional (Dependent)

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 interest charge if the payment is not made by the due date

Example:
The applicable interest charge is 3% of the invoice value
PCD+2:3:13'

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.			
			2 Charge			
			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			
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.			

		Segment:	**MOA** Monetary Amount		

Segment: **MOA** Monetary Amount
Position: 0470
Group: Segment Group 8 (Payment Terms Basis)   Conditional (Optional)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A segment specifying amounts related to payment discount penalties or instalments.

Dependency Notes:
Semantic Notes:
Comments:
Notes: This is an optional segment indicating the interest amount payable if the invoice is not paid by the payment due date.

Data Element Summary

Data Element	Component Element	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.		
		202	Interest amount		
			The amount of interest charged or paid on a debit or credit balance.		
Must Use		5004	**Monetary amount**	C	n..35
			To specify a monetary amount.		
			Format: Numeric (ZZZZZZZZ9.99) Minimum Length: 4 Maximum Length: 10		
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:	**ALC** Segment Group 16: Allowance or Charge
	Position:	0740
	Group: Level:	1
	Usage:	Conditional (Optional)
	Max Use:	9999
	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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0750	ALC	Allowance or Charge	M	1	
O	0840		Segment Group 19: Percentage Details	C		1
D	0870		Segment Group 20: Monetary Amount	C		2

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:

> The ALC segment is used to indicate allowances or charges pertaining to an invoice.
>
> Examples:
>
> A freight change of $50.00 (AUD) is to be applied to the whole invoice.
> ALC+C++++FC'
> MOA+23:50.00'
>
> Advertising rebate of $10.00 to be applied to the whole invoice
> ALC+A++++RAA:::ADVERTISING REBATE'
> MOA+204:10.00'

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.			
		ABW	Customs duty charge			
			Additional charge on an item's price for customs duty.			
		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 (UN/ECE Recommendation no 23).			
		RAA	Rebate			
			Discount other than volume discount such as sales promotion			

		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.			
D	**7160**	**Special service description**		**C**	**an..35**
		Free form description of a special service.			
		Conditional: A description is required when DE 7161= RAA (Rebate)			
Not Used	**7160**	**Special service description**		**C**	**an..35**
		Free form description of a special service.			

Group: # PCD **Segment Group 19: Percentage Details**
Position: 0840
  Group: Segment Group 16 (Allowance or Charge)   Conditional (Optional)
  Level: 2
  Usage: Conditional (Optional)
Max Use: 1
  Purpose: A group of segments specifying the percentage for the allowance or charge, e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0850	PCD	Percentage Details	M	1	

Segment: # PCD Percentage Details

Position: 0850 (Trigger Segment)
Group: Segment Group 19 (Percentage Details)   Conditional (Optional)
Level: 2
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
PCD+1:10.00'

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.			
			1 Allowance			
			Allowance expressed as a percentage.			
			2 Charge			
			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			
Not Used		5249	**Percentage basis identification code**	C	an..3	
			Code specifying the basis on which a percentage is calculated.			
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 20: Monetary Amount
Position: 0870
   Group: Segment Group 16 (Allowance or Charge)   Conditional (Optional)
   Level: 2
   Usage: Conditional (Optional)
Max Use: 2
  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.

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 (Optional)
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.

Example:

Total freight applicable to this invoice
MOA+23:50.00'

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.		
		23	Charge amount		
			The amount of money charged for the provision of a service or product.		
		204	Allowance amount		
			The amount of an allowance.		
Must Use		5004	**Monetary amount**	C	n..35
			To specify a monetary amount.		
			Format: Numeric (*ZZZZZZZZ9.99*) Minimum Length: 4 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: 9999
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.

Use of the GS1 GTIN for Item Identification is the preferred approach. Where there is no GTIN ready for the Item, Supplier is required to provide THE ICONIC (Buyer) item number.

Example:

1.) Item with GTIN:
LIN+1++19312825555599:SRV'
PIA+1+CO073AA05UCK-927411:IN'
PIA+1+10796:SA'
IMD+F++:::ITEM DESCRIPTION'
QTY+47:9:EA'

2.) Item without GTIN:

LIN+1'
PIA+5+ CO073AA05UCK-927411:IN'
PIA+1+10796:SA'
IMD+F++:::ITEM DESCRIPTION'
MEA+X5E++ZZ:Red'
QTY+47:9:EA'

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	
O	1140	MEA	Measurements	C	2	
Must Use	1150	QTY	Quantity	C	1	
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.			
			Required: Application generated sequential line number of the invoiced item. The line number must be unique within the current message. Format: Numeric (999999) Minimum length: 1 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.			
			Used to provide an equivalent EAN product code (GTIN). Format: EAN or UPC Minimum length: 8 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.			

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 additional identification such as a buyer's, or supplier's item number.

Examples:

In this example the PIA segment is used to provide an additional identifications to the item number provided in the LIN segment
PIA+5+CO073AA05UCK-927411:IN'

The product may be cross-referenced with a supplier's item number
PIA+1+55692: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 identity for the product identified in the LIN segment.

		5	Product identification

The item number is for product identification.

To provide the primary product identification code when no GTIN has been provided in the LIN segment. GTIN should not be used in conjunction with this code value. It should be noted that when this code is used the product code specified here is the code which should be used for invoicing purposes.
Conditional: When there is no GTIN/ UPC is included in LIN segment then PIA D4347 should be 5, when C212 - DE 7143 = IN.

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.

Required: Used to provide additional information for the product identified in the LIN segment.

Format (DE 7143 = IN): Alphanumeric (no space padding)
Minimum length: 1
Maximum length: 20

Format (DE 7143 = SA): Alphanumeric (no space padding)

		Minimum length: 1 Maximum length: 20		
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.	
	The item number has been allocated by the buyer. Implemented by THE ICONIC and will carry THE ICONIC key code item number.	
SA	Supplier's article number	
	Number assigned to an article by the supplier of that article.	
	Conditional: Used to provide Supplier's own reference 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.

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 item description.		

Example:

Additional product information are provided in segments PIA and IMD.
LIN+1+3'
PIA+5+CO073AA05UCK-927411:IN'
PIA+1+016559G:SA'
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.			
			Format: Alphanumeric Minimum length: 1 Maximum length: 256			
D		7008	**Item description**	C		an..256
			Free form description of an item.			
			Conditional: Item Description (line 2), where applicable. Omit if item description line 1 is empty. Format: Alphanumeric Minimum length: 1 Maximum length: 256			

Segment: # MEA Measurements
Position: 1140
Group: Segment Group 26 (Line Item)   Conditional (Required)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment enabling the physical measurements of the invoiced item to be specified where this is required for full identification of the product.   Any measurements must refer to the product in its unpacked form e.g.   thickness of plastic film, length, weight, etc.

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment must be used in conjunction with the LIN segment to provide an additional item identification such as colour and size.

Examples:

MEA+X5E++ZZ:Red'
MEA+X6E++ZZ:8'

Data Element Summary

	Data Element	Component Element	Name	Attributes		
M	6311		**MEASUREMENT PURPOSE CODE QUALIFIER**	M	1	an..3
			Code qualifying the purpose of the measurement.			
		X5E	Colour (EAN Code)			
			The colour of an object			
			Optional: Colour identification of an item			
		X6E	Size (EAN Code)			
			Dimensions or magnitude of an object.			
			Optional: Size identification of an item			
Not Used	C502		**MEASUREMENT DETAILS**	C	1	
			Identification of measurement type.			
Must Use	C174		**VALUE/RANGE**	C	1	
			Measurement value and relevant minimum and maximum values of the measurement range.			
M		6411	**Measurement unit code**	M		an..3
			Code specifying the unit of measurement.			
		ZZ	Mutually defined			
Must Use		6314	**Measure**	C		an..18
			To specify the value of a measurement.			
			Used to specify colour or size			
Not Used		6162	**Range minimum quantity**	C		n..18
			To specify the minimum value of a range.			
Not Used		6152	**Range maximum quantity**	C		n..18
			To specify the maximum value of a range.			
Not Used		6432	**Significant digits quantity**	C		n..2
			Count of the number of significant digits.			
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: 1
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.

Example:

The quantity invoiced is 150 (each).
QTY+47:150: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: The quantity as per invoice.		
M		6060	**Quantity**	M	an..35
			Alphanumeric representation of a quantity.		
			Format: Numeric Minimum length: 1 Maximum length: 15		
Must Use		6411	**Measurement unit code**	C	an..3
			Code specifying the unit of measurement.		
			Required when DE C186.6063 = 47		
			EA Each		
			Unit of measurement is each.		

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.

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: This segment 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.
Example:

Total amount for item excluding GST. This value includes any discounts or surcharges.
MOA+128:230.62'

Total GST amount for this line item.
MOA+369:23.06'

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: For the purpose of this MIG, this code is used to specify the Total Line Item Value excluding GST.			
		369	Goods and services tax			
			Amount charged as tax on goods and services.			
			Required: Total Line Item Value of GST.			
Must Use		5004	**Monetary amount**	C	n..35	
			To specify a monetary amount.			
			Format: Numeric (ZZZZZZZZ9.99) Minimum length: 4 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.			

	PRI Segment Group 29: Price Details	
Group:		
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 calculated price detailed in the invoice will always be Calculation net excluding any discounts or taxes.	

Example

PRI+AAB:107.10'

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:

This segment specifies pricing information relevant to the current line item.

Example:

PRI+AAB:107.10'

Note: the price is excluding any allowances, discounts or taxes.

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 gross price to which allowances/charges must be applied. **Gross price, excluding any discounts or taxes.**		
Must Use		5118	**Price amount**	C	n..15
			To specify a price.		
			Format: Numeric (ZZZZZZZZ9.99) Minimum length: 4 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.		

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: Used to provide a tax rate (GST).

Segment Summary

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

	Data **Element**	**Component** **Element**	**Name**			**Attributes**

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:

Where 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.			
M		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 (99.99)
Minimum length: 5
Maximum length: 5

ALC Segment Group 39: Allowance or Charge

Group:		
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:	The ALC segment is used to indicate allowance or charge to an invoice line.	

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1730	ALC	Allowance or Charge	M	1	
O	1800		Segment Group 41: Percentage Details	C		1
D	1830		Segment Group 42: Monetary Amount	C		2

	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 allowances or charges pertaining to a line item in an invoice. Examples: A volume discount of $5.00 is to be applied to this invoice item. ALC+A++++VAB' MOA+204:5.00'

Data Element Summary

	Data Element	Component Element	Name		Attributes	
Must Use	5463		**ALLOWANCE OR CHARGE CODE QUALIFIER**	C	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.			
			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.			
D		7160	**Special service description**	C		an..35
			Free form description of a special service.			
			Optional: description for the allowance or charge			
Not Used		7160	**Special service description**	C		an..35
			Free form description of a special service.			

Group: **PCD** Segment Group 41: Percentage Details

Position: 1800
Group: Segment Group 39 (Allowance or Charge)　　　Conditional (Optional)
Level: 3
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments specifying the percentage for the allowance or charge, e.g. The allowance/charge amount is calculated as 5% of the goods value or a price reduction of 5% may be specified if the goods quantity ordered is within the range 5 tons to 10 tons.

Segment Summary

	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 (Optional)
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:

> To identify the percentage and the percentage basis for the calculation of the allowance or charge.
>
> Example:
> PCD+1:10.00'

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.			
			1 Allowance			
			Allowance expressed as a percentage.			
			2 Charge			
			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			
Not Used		5249	**Percentage basis identification code**	C	an..3	
			Code specifying the basis on which a percentage is calculated.			
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 (Required)
Max Use: 2
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.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Group: Repeat
M	1840	MOA	Monetary Amount	M	1	

Segment:		**MOA** Monetary Amount			
Position:		1840 (Trigger Segment)			
Group:		Segment Group 42 (Monetary Amount)	Conditional (Required)		
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:
This segment is used to provide financial information relating to allowances or changes applicable to the line item. All monetary values are presented as real numbers with 2 decimal places.

Example:

An allowance amount applicable to this line item is:
MOA+204:50.00'

Freight applicable to this line item.
MOA+23:5.00'

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.		
		23	Charge amount		
			The amount of money charged for the provision of a service or product.		
		204	Allowance amount		
			The amount of an allowance.		
Must Use		**5004**	**Monetary amount**	**C**	**n..35**
			To specify a monetary amount.		
			Format: Numeric (ZZZZZZZZ9.99) Minimum length: 4 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

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: This segment shows the total number of line items in this message (total count of LIN segments between the current UNH - UNT loop).

Example:

Total line items included in this invoice is 3
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		
			Required: 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.		
			Required: Total count of LIN segments Format: Numeric Minimum length: 1 Maximum length: 4		
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.

Segment Summary

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

Segment:	**MOA** Monetary Amount			

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

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment 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.
Example:

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.		
			Required: Total Invoice amount, including GST.		
		128	Total amount		
			The amount specified is the total amount.		
			Required: Total amount of the Invoice monetary value excluding GST.		
		369	Goods and services tax		
			Amount charged as tax on goods and services.		
			Required: Total GST amount included in the Invoice		
Must Use		5004	**Monetary amount**	C	n..35
			To specify a monetary amount.		
			Format: Numeric (ZZZZZZZZ9.99) Minimum length: 4 Maximum length: 18		
Not Used		6345	**Currency identification code**	C	an..3
			Code specifying a monetary unit.		

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 (0001) loop inclusively.
UNT+41+0001'

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.			
			Required: 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.

Required: Total count of UNH/UNT segment loop repeats.

	Data Element	Component Element	Name	Attributes		
M	0020		**INTERCHANGE CONTROL REFERENCE**	M	1	an..14

Unique reference assigned by the sender to an interchange.

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

Example Invoice Message

UNA:+.? '
UNB+UNOC:3+SUPPLIER_GLN:14+9377779346556:14+160205:1000+94091++++1'
UNH+94091+INVOIC:D:01B:UN:EAN010'
BGM+388:::TAX INVOICE+GGNN566343+9'
DTM+137:20150525:102'
RFF+ON:1971807'
RFF+CN:DA1234'
NAD+BY+9377779346556::9++THE ICONIC+CNR COMWAY & CARRINGTON
STREETS+LISMORE+NSW+2480'
RFF+XA:ICONIC_ABN'
NAD+SU+01999246::92++SUPPLIER PTY LTD+PO BOX 999+CAROLE PARK+QLD+4300'
FII+SU+12345678:Supplier bank'
RFF+XA:SUPPLIER_ABN'
NAD+ST+001::92++THE ICONIC Warehouse+147-151 Newton Road+WETHERILL PARK+NSW+2164'
CUX+2:AUD:4'
PAT+18+7:::Payment terms defined in agreement :signed Feb 5 2016'
DTM+140:20160331:102'
PCD+2:3:13'
ALC+C++++FC'
MOA+23:50.00'

LIN+1'
PIA+5+ CO073AA05UCK-927411:IN'
PIA+1+10796:SA'
IMD+F++:::ITEM DESCRIPTION'
MEA+X5E++ZZ:Red'
QTY+47:200:EA'
MOA+128:2100.00'
MOA+369:210.00'
PRI+AAB:10.50'
TAX+7+GST+++:::10.00'
ALC+A++++VAB'
PCD+1:1.00'
MOA+204:21.00'

UNS+S'
CNT+2:1'
MOA+128:2100.00'

MOA+369:210.00'
MOA+39:2339.00'
UNT+36+94091'
UNZ+1+94091'