Message Implementation Guideline

THE ICONIC

Purchase Order Response Message

ORDRSP

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

Version 1.3

March 2018

SPS COMMERCE
INFINITE RETAIL POWER™

Document Change Control

Document Version	Released	By	Changes
V1.0	02 February 2016	SPS Commerce	Created Document
V1.1	15 March 2016	SPS Commerce	Added THE ICONIC GLN
V1.2	May 2016	SPS Commerce	Changed 'Delivery date, requested' (DTM DE C507.2005 = 2) to be mandatory
V1.2	May 2016	SPS Commerce	Removed 'Proposed Item substitution' (LIN DE 1229 = 23)
V1.2	May 2016	SPS Commerce	Changed 'Item description' (IMD DE C273.7008) maximum length from 80 to 256
V1.2	May 2016	SPS Commerce	Changes made in the TOD segment
V1.3	08 March 2018	SPS Commerce	Changed the maximum length for fields, Order number, supplier/ vendor number and Vendor Part Number.

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 Purchase Order Response 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.

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 use of the Purchase Order Response message

Business Rules

This document is based on THE ICONIC Purchase Order message version 1.0 February 2016. Each Purchase Order sent by THE ICONIC will require confirmation by the Supplier, using the Purchase Order Response message.

In the case where the Supplier has accepted the Purchase Order with changes, THE ICONIC will evaluate the changes and send a replacement order.

A Purchase Order Response turnaround time of 48 hours is absolutely preferred by THE ICONIC, but 14 days is latest that is accepted.

THE ICONIC will accept Purchase Order Response messages throughout the lifecycle of the order. Any updates to the supplier's ability to fulfill the order as is should be communicated via additional Purchase Order Response documents. Final Purchase Order Response needs to be communicated at least two weeks prior to requested shipment should there be any changes.

Document Structure

While there are many possible options for the way in which the return data can be structured in a Purchase Order Response message, THE ICONIC have determined that Suppliers must respond by **including all line items** that appeared within in the Original Purchase Order, if the Supplier has made any changes. Suppliers are required to respond to the original order with heading section only to either accept or reject the order in its entirety.

No Additions / No Substitutions
The Supplier cannot add or substitute an item to the buyer's original Purchase Order.

Price changes
If the price is incorrect in the original Purchase Order, the Supplier will need to include the corrected price in the Purchase Order Response. If accepted, a replacement order will be sent with the new price.

Quantities
The quantity for each item in the Purchase Order Response message cannot be greater than the original Purchase Order quantity.

Split deliveries
Suppliers can split an order item/s into two separate deliveries over different days, the quantities and dates must be communicated via the Purchase Order Response. Split deliveries are essentially a Back Order.

Rejection of a Response
If the Buyer rejects a Purchase Order Response message the Supplier will be advised by email or phone and be either,
1. Directed regarding what needs to be fixed for resubmission,
2. Or advised that the Purchase Order has been deleted and a new Purchase Order will be created.

ORDRSP Purchase Order Response Message

Introduction:

A message from the seller to the buyer, responding to a purchase order message or a purchase order change request message.

Notes:

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

This MIG is specifically designed to enable the supplier to respond to the original Purchase Order from THE ICONIC confirming the content of the orders and the supplier's commitment to items quantity for specific delivery requirements, and to provide correction to possible error(s) in the original Purchase Order message.

Purchase Order Response messages are required for all orders.

Dependency notes:

While there are many possible options for the way in which the return data can be structured in a Purchase Order Response message, THE ICONIC has determined that Suppliers must respond by including all line items that appeared within in the Original Purchase Order, only if the Supplier has made any changes. Suppliers need to indicate the status of each item in the LIN segment at DE 1229.

Suppliers are required to respond to the original order with heading section only to either accept or reject the order in its entirety.

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	2		
O	0070	FTX	Free Text	C	2		
Must Use	0090		Segment Group 1: RFF-DTM	C		1	
M	0100	RFF	References	M	1		
O	0110	DTM	Date/Time/Period	C	1		
Must Use	0150		Segment Group 3: NAD	C		3	
M	0160	NAD	Name and Address	M	1		
O	0320		Segment Group 8: CUX	C		1	
M	0330	CUX	Currencies	M	1		
O	0460		Segment Group 12: TOD	C		1	
M	0470	TOD	Terms of Delivery or Transport	M	1		

Detail Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
D	0970		Segment Group 26: LIN-PIA-IMD-MEA-QTY-DTM-FTX-SG30-SG36	C		200000	
M	0980	LIN	Line Item	M	1		
Must Use	0990	PIA	Additional Product Id	C	2		
Must Use	1000	IMD	Item Description	C	1		
O	1010	MEA	Measurements	C	2		
Must Use	1020	QTY	Quantity	C	3		
O	1050	DTM	Date/Time/Period	C	2		
O	1140	FTX	Free Text	C	1		
M	1270		Segment Group 30: PRI	M		1	
M	1280	PRI	Price Details	M	1		
Must Use	1540		Segment Group 36: TAX	C		1	
M	1550	TAX	Duty/Tax/Fee Details	M	1		

Section Control:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
M	2200	UNS	Section Control	M	1		

Summary Section:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Group Repeat	Notes and Comments
Must Use	2220	CNT	Control Total	C	1		
M	2270	UNT	Message Trailer	M	1		
M	2290	UNZ	Interchange Trailer	M	1		

			UNA Service String Advice		
Segment:					
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® 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+160202:1005+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/IEC 8859-1 : Information technology - Part 1: Latin alphabet No. 1.		
M		0002	**Syntax version number**	M	n1
			Version number of the syntax identified in the syntax identifier (0001).		
			3 Version 3		
			ISO 9735 Amendment 1:1992.		
M	S002		**INTERCHANGE SENDER**	M	1
			Identification of the sender of the interchange.		
M		0004	**Sender identification**	M	an..35
			Name or coded representation of the sender of a data interchange.		
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.		
			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. March 7th, 2016 is presented as 160307

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 THE ICONIC implementations, only numbers are accepted as interchange control.

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

Reference or password as agreed between the communicating partners.

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

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

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

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

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

Code determined by the sender for acknowledgement of the interchange.

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

1	Requested
	Acknowledgement is requested.

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

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

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

		Segment:	**UNH** Message Header

Segment: **UNH** Message Header
Position: 0010
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment starting and uniquely identifying a message.   The message type code for the Purchase order response message is ORDRSP.
Dependency Notes:
Semantic Notes:
Comments:
Notes:

Example:

UNH+0001+ORDRSP:D:01B:UN:EAN007'

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.			
			ORDRSP Purchase order response message			
			A code to identify the purchase order response 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.			

	EAN007	EAN version control number			
Not Used	**0068**	**COMMON ACCESS REFERENCE**	**C**	**1**	**an..35**

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

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

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

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

Dependency Notes:
Semantic Notes:
Comments:
Notes: In the examples below, DE 1004 represents the sender's own reference to this message. THE ICONIC PO number is presented in RFF segment SG 1 position 0090.

Example:

Purchase order response contains a fully accepted order.
BGM+231+20160202001547+29'

Purchase order response contains a fully rejected order.
BGM+231+20160202001547+27'

Purchase order response contains an order accepted with changes. All line items must be included in the order response message.
BGM+231+20160202001547+4'

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.		
			231 Purchase order response		
			Response to a purchase order already received.		
Not Used		1131	**Code list identification code**	C	an..17
			Code identifying a user or association maintained code list.		
			Refer to D.01B Data Element Dictionary for acceptable code values.		
Not Used		3055	**Code list responsible agency code**	C	an..3
			Code specifying the agency responsible for a code list.		
			Refer to D.01B Data Element Dictionary for acceptable code values.		
Not Used		1000	**Document name**	C	an..35
			Name of a document.		
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.		
			Required: The document identifier is used specifically to reference the purchase order response number generated by the vendor's systems. 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.

When the entire order is either not accepted or accepted without amendment, i.e. DE 1225 = 27 or 29, SG 26 (LIN segment group) must be suppressed.

		4	Change
			Message containing items to be changed.
		27	Not accepted
			Message to inform that the referenced message is not accepted by the recipient.
		29	Accepted without amendment
			Referenced message is entirely accepted.

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

Code specifying the type of acknowledgment required or transmitted.

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

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

Position: 0030
Group:
Level: 1
Usage: Mandatory
Max Use: 2
Purpose: A segment specifying general dates and, when relevant, times related to the whole message.

Dependency Notes:
Semantic Notes:
Comments:
Notes: This segment is used to specify dates/times relating to the Purchase Order Response and/or dates relating to the delivery or collection of the goods.
DE 2005: Identification of the 'Document/message date/time' (code value 137) is mandatory in an EANCOM message.

Example:

Purchase Order Response creation date
DTM+137:20160202:102'

Scheduled delivery date
DTM+2:20160205:102'

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.			
			2	Delivery date/time, requested		
				Date on which buyer requests goods to be delivered.		
				Required: the supplier must provide the scheduled delivery date in the purchase order response		
			137	Document/message date/time		
				(2006) Date/time when a document/message is issued. This may include authentication.		
				Required: System generated date when the purchase response order is created.		
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.			
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.		

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

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

If the purchase order is being rejected in full, the supplier must include a rejection reason note.

Example:
FTX+AAI+++Order rejected due to stock not available'
FTX+AAB+++Terms and conditions as per agreement'

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.				
			AAB	Terms of payments			
				[4276] Conditions of payment between the parties to a transaction (generic term).			
				Required only if the supplier is changing the original terms sent (if sent) on the original purchase order.			
			AAI	General Information			
				Required when the original order is rejected (BGM DE 1225 = 27).			
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 (DE 4451 = AAB): Alphanumeric Maximum length: 80 Format (DE 4451 = AAI): 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: References
Position: 0090
Group:
Level: 1
Usage: Conditional (Required)
Max Use: 1
Purpose: A group of segments for giving references and where necessary, their dates, relating to the whole message, e.g. contract number, import/export licence number, reservation number.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0100	RFF	References	M	1	
O	0110	DTM	Date/Time/Period	C	5	

		Segment:	**RFF** References

Segment: **RFF** **References**
Position: 0100 (Trigger Segment)
Group: Segment Group 1 (References)   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: This segment provides information relating to THE ICONIC's original order such as purchase order number.

Purchase order number is required as shown in the original purchase order.

Example:
RFF+ON:P3399951'

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.		
			ON Buyers order number		
			[1022] Reference number assigned by the buyer to an order.		
			Qualifier for identifying THE ICONIC purchase order number presented in DE 1154.		
Must Use		1154	**Reference identifier**	C	an..70
			Identifies a reference.		
			Required: THE ICONIC purchase order number to which this message is responding. The purchase order number must be exactly as shown in the original purchase order sent. Format: Alphanumeric Minimum length: 1 Maximum length: 20		
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.		

Segment:	**DTM** Date/Time/Period			
Position:	0110			
Group:	Segment Group 1 (References)	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 used only when RFF DE 1153 = ON

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.		
			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 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 3: Name and Address
	Position:	0150
	Group:	
	Level:	1
	Usage:	Conditional (Required)
	Max Use:	3
	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	0160	NAD	Name and Address	M	1	

Segment:		**NAD** **Name and Address**
Position:		0160 (Trigger Segment)
Group:		Segment Group 3 (Name and Address) Conditional (Required)
Level:		1
Usage:		Mandatory
Max Use:		1
Purpose:		A segment identifying names and addresses of the parties, in coded or clear form, and their functions relevant to the order response.
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.

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 this order. The buying party is presented in GLN format in DE 3039.			
			ST Ship to			
			Identification of the party to where goods will be or have been shipped.			
			Required: Ship To location code			
			SU Supplier			
			[3280] Party who supplies goods and/or services.			
			Required: Used to identify the supplier responsible for this 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 |

EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.

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, where applicable, such as CHULLORA, etc.			
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, where applicable such as 2770, etc. 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			

	Group:	**CUX** Segment Group 8: Currencies
	Position:	0320
	Group:	
	Level:	1
	Usage:	Conditional (Optional)
	Max Use:	1
	Purpose:	A group of segments specifying the currencies and related dates/periods valid for the whole order response. 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	0330	CUX	Currencies	M	1	

Segment:		**CUX** Currencies				

Position: 0330 (Trigger Segment)
Group: Segment Group 8 (Currencies)   Conditional (Optional)
Level: 1
Usage: Mandatory
Max Use: 1
Purpose: A segment identifying the currencies in the order response, e.g.   the order 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 order i.e. the order currency.

Example:
CUX+2:NZD:9'

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			
Must Use		6343	**Currency type code qualifier**	C	an..3	
			Code qualifying the type of currency.			
			9 Order currency			
			The name or symbol of the monetary unit used in an order.			
			Currency code sent is applicable to entire order			
Not Used		6348	**Currency rate**	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: **TOD** Segment Group 12: Terms of Delivery or Transport
Position: 0460
Group:
Level: 1
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments indicating the terms of delivery for the whole order response.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0470	TOD	Terms of Delivery or Transport	M	1	

30

Segment:	**TOD** Terms of Delivery or Transport		
Position:	0470 (Trigger Segment)		
Group:	Segment Group 12 (Terms of Delivery or Transport) Conditional (Optional)		
Level:	1		
Usage:	Mandatory		
Max Use:	1		
Purpose:	A segment identifying the delivery terms to be used. e.g. UN INCOTERMS code could be used to specify the delivery terms.		
Dependency Notes:			
Semantic Notes:			
Comments:			
Notes:	This is an optional segment used to indicate the international commercial terms, (Incoterms). Note: supplier should only return if changing from what was sent (if sent) in the original purchase order. Example: TOD+6++EXW:3E:9'		

Data Element Summary

	Data Element	Component Element	Name		Attributes	
M	4055		**DELIVERY OR TRANSPORT TERMS FUNCTION CODE**	C	1	an..3
			Code specifying the function of delivery or transport terms.			
		6	Delivery condition			
			Specifies the conditions under which the goods must be delivered to the consignee.			
Not Used	4215		**TRANSPORT CHARGES PAYMENT METHOD CODE**	C	1	an..3
			Code specifying the payment method for transport charges.			
Must Use	C100		**TERMS OF DELIVERY OR TRANSPORT**	C	1	
			Terms of delivery or transport code from a specified source.			
Must Use		4053	**Delivery or transport terms description code**	C		an..3
			Code specifying the delivery or transport terms.			
		DAP	Delivered At Place			
		EXW	Ex Works			
		FIS	Free In Store			
		FOB	Free On Board			
Must Use		1131	**Code list identification code**	C		an..17
			Code identifying a user or association maintained code list.			
		3E	Incoterms 2010 (GS1 Temporary Code)			
			Incoterms 2010 as published by the International Chamber of Commerce (ICC) Used if DE C100.4053 = EXW, FOB and DAP			
		ZZZ	Mutually defined			
			Used if DE C100.4053 = FIS			
Must Use		3055	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
		9	EAN International			
			EAN International, an organization of EAN Member Organizations, who along with the Uniform Code Council manages the EAN.UCC System.			
Not Used		4052	**Delivery or transport terms description**	C		an..70

Not Used   **4052**   **Delivery or transport terms description**   **C**   **an..70**

		Group:	**LIN** Segment Group 26: Line Item

Group: **LIN** Segment Group 26: Line Item
Position: 0970
Group:
Level: 1
Usage: Conditional (Dependent)
Max Use: 200000
Purpose: A group of segments providing details of the individual ordered items.   This Segment group may be repeated to give sub-line details.
Notes: The detail section of the purchase order response is formed by a repeating group of segments, always starting with the LIN segment. Each occurrence of LIN will usually correspond to a different product being ordered.

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+5+19312825555599:SRV'
PIA+1+CO073AA05UCK-927411:IN'
PIA+1+10796:SA'
IMD+F++:::ITEM DESCRIPTION'
QTY+21:9:EA'

2.) Item without GTIN:

LIN+1+3'
PIA+5+CO073AA05UCK-927411:IN'
PIA+1+10796:SA'
IMD+F++:::ITEM DESCRIPTION'
MEA+X5E++ZZ:Red'
QTY+21:9:EA'
QTY+113:5:EA'

Dependency Notes:

The following notes are relevant to the LIN segment group (SG26) only:
- LIN SG 26 is required for all items if the order is accepted with changes (BGM DE 1225 = 4).

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	0980	LIN	Line Item	M	1	
Must Use	0990	PIA	Additional Product Id	C	2	
Must Use	1000	IMD	Item Description	C	1	
O	1010	MEA	Measurements	C	2	
Must Use	1020	QTY	Quantity	C	3	
O	1050	DTM	Date/Time/Period	C	2	
O	1140	FTX	Free Text	C	1	
Must Use	1270		Segment Group 30: Price Details	M		1

Segment:	**LIN** Line Item			
Position:	0980 (Trigger Segment)			
Group:	Segment Group 26 (Line Item)		Conditional (Dependent)	
Level:	1			
Usage:	Mandatory			
Max Use:	1			
Purpose:	A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.			
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: Line number must be in sequential order.			
			Format: Numeric (999999) Minimum length: 1 Maximum length: 6			
Must Use	**1229**		**ACTION REQUEST/NOTIFICATION DESCRIPTION CODE**	C	1	an..3
			Code specifying the action to be taken or already taken.			
			3	Changed		
				The information is to be or has been changed.		
			5	Accepted without amendment		
				This line item is entirely accepted by the seller.		
			7	Not accepted		
				This line item is not accepted by the seller.		
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:	0990
Group:	Segment Group 26 (Line Item) Conditional (Dependent)
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 the supplier's own reference to an item ordered, where applicable.

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

Code identifying a user or association maintained code list.

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

Code specifying the agency responsible for a code list.

Segment:	**IMD** Item Description			

Position: 1000
Group: Segment Group 26 (Line Item)   Conditional (Dependent)
Level: 2
Usage: Conditional (Required)
Max Use: 1
Purpose: A segment for describing the product or service being ordered as well as product characteristic.   This segment should be used for products or services that cannot be fully identified by a product code or article number.

Dependency Notes:
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.			
			Refer to D.01B Data Element Dictionary for acceptable code values.			
Not Used		**1131**	**Code list identification code**	C		an..17
			Code identifying a user or association maintained code list.			
			Refer to D.01B Data Element Dictionary for acceptable code values.			
Not Used		**3055**	**Code list responsible agency code**	C		an..3
			Code specifying the agency responsible for a code list.			
			Refer to D.01B Data Element Dictionary for acceptable code values.			
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			

Segment: **MEA** Measurements
Position: 1010
Group: Segment Group 26 (Line Item)　　　　　Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 2
Purpose: A segment enabling the physical measurements of the ordered item to be specified where this is required for full identification of the product, e.g. Pallet configuration.

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	

	Data Element	Component Element	Name	Attributes		
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:		1020			
Group:		Segment Group 26 (Line Item)	Conditional (Dependent)		
Level:		2			
Usage:		Conditional (Required)			
Max Use:		3			
Purpose:		A segment identifying the product quantities indicating the vendor's commitment to deliver the product ordered according to its availability.			
Dependency Notes:					
Semantic Notes:					
Comments:					

Notes: If the item is accepted without amendment (LIN DE 1229=5) or rejected (LIN DE 1229=7) either 'Ordered quantity' or 'Quantity to be delivered' is required. If the item is changed (LIN DE 1229=3) both 'Ordered quantity' and 'Quantity to be delivered' are required.

Example:

The item is accepted or rejected; ordered quantity is 48 (Each).
QTY+21:48:EA'

The item is accepted with change; ordered is 48, deliverable is 30 (Each)
QTY+21:48:EA'
QTY+113:30: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.		
			21 Ordered quantity		
			The quantity which has been ordered.		
			Must be provided when an item is being changed. At least one of the 'Ordered quantity' or 'Quantity to be delivered' must be provided in other cases.		
			83 Backorder quantity		
			The quantity of goods that is on back-order.		
			Conditional: The quantity of goods that is on back-order. Only to be used under circumstances where agreement with THE ICONIC has been arranged.		
			113 Quantity to be delivered		
			The quantity to be delivered.		
			Must be provided when an item is being changed or substituted. At least one of the 'Ordered quantity' or 'Quantity to be delivered' must be provided in other cases.		
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.		
			EA Each		

	Segment:	**DTM** Date/Time/Period		
	Position:	1050		
	Group:	Segment Group 26 (Line Item)	Conditional (Dependent)	
	Level:	2		
	Usage:	Conditional (Optional)		
	Max Use:	2		
	Purpose:	A segment specifying date/time/period details relating to the line item only.		
Dependency Notes:				
Semantic Notes:				
Comments:				

Notes:	This segment is used to specify any dates related to the current line item. Example: The backorder delivery is to be made on the 3rd March 2016 DTM+506:20160303:102'

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.		
			359 Scheduled for delivery on or before		
			Scheduled for delivery on or before specified date and or time.		
			Required only if outside the delivery window in the original purchase order		
			506 Back order delivery date/time/period		
			The date/time/period during which the delivery of a back order will take, or has taken, place.		
			Required by THE ICONIC if back order quantity is proposed.		
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.		
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.		

Segment:	**FTX** Free Text		
Position:	1140		
Group:	Segment Group 26 (Line Item)	Conditional (Dependent)	
Level:	2		
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 specify any special requirements for the current line item.
If an item is being rejected a note indicating the reason why should be included in this segment.

Example:
FTX+LIN+++Item out of stock'

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.			
			LIN Line item			
			Note contains line item 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:	**PRI** Segment Group 30: Price Details				
Position:	1270				
Group:	Segment Group 26 (Line Item)	Conditional (Dependent)			
Level:	2				
Usage:	Mandatory				
Max Use:	1				
Purpose:	A group of segments identifying the relevant pricing information for the goods or services ordered.				
Notes:	Each line in the purchase order is fully costed with the price loaded in THE ICONIC order system at the time the order was created. The calculated price detailed in the purchase order 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	1280	PRI	Price Details	M	1	

Segment:	**PRI** Price Details

Position:	1280 (Trigger Segment)
Group:	Segment Group 30 (Price Details) Mandatory
Level:	2
Usage:	Mandatory
Max Use:	1
Purpose:	A segment to specify the price type and amount. The price used in the calculation of the line amount will be identified as 'Unit Price'.
Dependency Notes:	
Semantic Notes:	
Comments:	
Notes:	For examples, see explanatory notes in PRI Segment Group 30 (SG30).

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 (ZZZZZZZZZZ9.99) 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**	O	an..3
			Code identifying pricing specification.		
Not Used		5284	**Unit price basis quantity**	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 36: Duty/Tax/Fee Details
Position: 1540
Group: Segment Group 26 (Line Item)   Conditional (Dependent)
Level: 2
Usage: Conditional (Optional)
Max Use: 1
Purpose: A group of segments specifying tax related information, and when necessary, the location(s) to which that tax information relates.

Segment Summary

	Pos. No.	Seg. ID	Name	Req. Des.	Max. Use	Group: Repeat
M	1550	TAX	Duty/Tax/Fee Details	M	1	

			Segment:	**TAX** Duty/Tax/Fee Details

Segment: **TAX** Duty/Tax/Fee Details
Position: 1550 (Trigger Segment)
Group: Segment Group 36 (Duty/Tax/Fee Details)   Conditional (Optional)
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 ordered.

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 QUANTITY**	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

Segment: # UNS Section Control

Position: 2200
Group:
Level: 0
Usage: Mandatory
Max Use: 1
Purpose: A service segment placed at the start of the summary section to avoid segment collision.

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

UNS+S'

Data Element Summary

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

A character identifying the next section in a message.

S   Detail/summary section separation

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

Segment: # CNT Control Total

Position:	2220
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 response is 3
CNT+2:3'

If LIN segment group is excluded based on the dependency note described in the introduction section, the total line count would be zero (0):
CNT+2:0'

Data Element Summary

	Data Element	Component Element	Name	Attributes	
M	C270		**CONTROL**	M	1
			Control total for checking integrity of a message or part of a message.		
M		6069	**Control total type code qualifier**	M	an..3
			Code qualifying the type of control of hash total.		
		2	Number of line items in message		
			Total number of line items in the message.		
			Required: Total count of LIN segments, representing the number of line items included in the order response message.		
M		6066	**Control total quantity**	M	n..18
			To specify the value of a control quantity.		
			Format: Numeric Minimum length: 1 Maximum length: 4		
Not Used		6411	**Measurement unit code**	C	an..8
			Code specifying the unit of measurement.		

Segment: **UNT** Message Trailer

Position: 2270
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 25 segments within the UNH-UNT (0001) loop inclusively.
UNT+25+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.			
			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: 2290
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 of the number of messages or, if used, of the number of functional groups in an interchange.			
		Total count of UNH/UNT segment loop repeats. If UNG/UNE functional group is presented, this is the total count of the UNG/UNE segment loop repeats.			
M	0020	**INTERCHANGE CONTROL REFERENCE**	M	1	an..14
		Unique reference assigned by the sender to an interchange.			
		The value presented here must match with the value presented in DE 0020 in segment UNB.			

Example Purchase Order Response Message – Accepted in Full

UNA:+.? '	
UNB+UNOC:3+SUPPLIER_GLN:14+9377779346556:14+160203:1000+5274++++1'	
UNH+1+ORDRSP:D:01B:UN:EAN007'	
BGM+231+23855637+29'	Application error number 23855637, ORDERS accepted
DTM+137:20160203:102'	Date ORDRSP generated
DTM+2:20160303:102'	Scheduled delivery date
RFF+ON:123456789'	Purchase Order Number - 123456789
NAD+BY+9377779346556::9'	Buyer
NAD+SU+70012884::92'	Supplier's code
NAD+ST+001::92'	Ship To THE ICONIC Warehouse
UNS+S'	
CNT+2:0'	
UNT+11+1'	
UNZ+1+5274'	

Example Purchase Order Response Message – Rejected in Full

UNA:+.? '	
UNB+UNOC:3+SUPPLIER_GLN:14+9377779346556:14+160203:1000+5274++++1'	
UNH+1+ORDRSP:D:01B:UN:EAN007'	
BGM+231+23855637+29'	Application error number 23855637, ORDERS accepted
DTM+137:20160203:102'	Date ORDRSP generated
DTM+2:20160303:102'	Scheduled delivery date
FTX+AAI+++Order rejected due to stock not available'	Note why order rejected in full
RFF+ON:123456789'	Purchase Order Number - 123456789
NAD+BY+9377779346556::9'	Buyer
NAD+SU+70012884::92'	Supplier's code
NAD+ST+001::92'	Ship To THE ICONIC Warehouse
UNS+S'	
CNT+2:0'	
UNT+12+1'	
UNZ+1+5274'	

Example Purchase Order Response Message – Accepted with Changes

```
UNA:+.? '
UNB+UNOC:3+SUPPLIER_GLN:14+9377779346556:14+160203:1000+5274++++1'
UNH+1+ORDRSP:D:01B:UN:EAN007'
BGM+231+23855637+29'                        Application error number 23855637, ORDERS accepted
DTM+137:20160203:102'                        Date ORDRSP generated
DTM+2:20160303:102'                          Scheduled delivery date
RFF+ON:123456789'                            Purchase Order Number - 123456789
NAD+BY+9377779346556::9'                     Buyer
NAD+SU+70012884::92'                         Supplier's code
NAD+ST+001::92'                              Ship To THE ICONIC Warehouse

LIN+1+5'                                     Item accepted without change
PIA+5+CO073AA05UCK-927411:IN'
PIA+1+24564:SA'
IMD+F++:::ITEM DESCRIPTION'
QTY+21:9:EA'
PRI+AAB:44.05'
TAX+7+GST+++:::10.00'

LIN+2+3'                                     Item accepted with change
PIA+5+CO073AA05UCK-927411:IN'
PIA+1+24564:SA'
IMD+F++:::ITEM DESCRIPTION'
QTY+21:9:EA'                                 Ordered quantity 9
QTY+113:5:EA'                                Quantity to be delivered 5
QTY+83:4:EA'                                 Backorder quantity 4
DTM+506:20160303:102'                        Backorder delivery on 3rd March 2016
PRI+AAB:44.05'
TAX+7+GST+++:::10.00'

UNS+S'
CNT+2:2'
UNT+28+1'
UNZ+1+5274'
```