



N E X U S

CSV
(Comma-separated values)
Order/Amend
Version 3.10.2
Standard Implementation Guide

The Infor Nexus Order / Amend Specification is a publication intended for Infor Nexus members who are integrating with Infor Nexus.

Document Control Log

Version	Date	Author	Notes
3.10.1	2010-03-09	Ken Lee	Initial
3.10.2	2011-08-16	Adrian Valc	Added FinalReceiver Party Role Code (ENH-4551)
3.10.2	2011-08-18	Adrian Valc	Added PC (Prepaid but Charged to Customer) Freight Payment Code (ENH-4774)
3.10.2	2011-08-19	Adrian Valc	Added E (Expedited Truck) Shipment Method Code (ENH-4773)
3.10.2	2019-09-17	Zdravko Belicajevic	Replaced the logo and all references to "TradeCard" with "Infor Nexus"

1. Introduction

Infor Nexus offers a platform with a secure, online workspace for buyers, sellers and essential trade service providers to initiate, conduct and settle the financial portion of their trade transaction. On this platform, there are sets of transaction workflow applications that enable all parties to a transaction to create documents, share data, make and receive payment in a collaborative, visible environment - 24 x 7. Infor Nexus' integration strategy is designed to enable collaboration among all participants in a transaction. To facilitate this seamless flow of information, our message-based architecture sends and receives data in a variety of formats to meet the diverse requirements of our customers and partners. Some of the benefits include secure messaging tools, dynamic workflow and messaging architecture, a rich document set and data translation services.

This document describes in detail the usage of the CSV (comma-separated value) Order / Amend message which supports electronic information exchange between Infor Nexus and its members.

This document defines the standard format and establishes the data contents of Infor Nexus' Order / Amend message. This message lists the parties, terms, conditions, fees, and item detail related to the purchase of goods. It may be sent to create a new Order (populates an Order in Infor Nexus), amend/change an existing Order (populates an Order Amendment), or cancel an existing Order (populates an Order Amendment). It may be received from Infor Nexus at many event points in the Infor Nexus Order / Amend lifecycle.

Only registered Infor Nexus Members may exchange Order / Amend messages with Infor Nexus. To find out more about registering with Infor Nexus or about any information contained in this document, please contact Infor Nexus at 1-800-905-TRADE.

Message Assumptions

- The sender will filter their outgoing messages, resulting in Infor Nexus only receiving Infor Nexus related data.
- The sender will repair and re-send, if determined by Infor Nexus, any message received by Infor Nexus that does not conform to this specification.
- Completion of all processing steps subsequent to Infor Nexus' receipt of this message (e.g. data augmentation, approval, etc.) are the responsibility of the sender.

2. Character Set

The characters used within this message should be standard ASCII characters. A comma (",") character (ASCII decimal 44, hex 2C) is used to delimit fields within a record. A carriage-return (ASCII decimal 13, hex 0D) line-feed (ASCII decimal 10, hex 0A) is used to delimit records within a message.

An alphanumeric field may contain comma values and/or carriage-return line-feed (CRLF) values if the field is wrapped in a double-quote (") character (ASCII decimal 34, hex 22). A wrapped field may also contain a double-quote character if it is escaped (preceded) by another double-quote. Note, an alphanumeric field that does not contain any delimiters (comma or carriage-return line-feed) or the wrap character (double-quote) need not be wrapped.

The following examples illustrate some alphanumeric field possibilities:

Field1,Field2,Field3 with no wrap

Field1,Field2,"Field3 with optional wrap"

Field1,Field2,"Field3 with ""quoted"" word"

Field1,Field2,"Field3 with comma, only"

Field1,Field2,"Field3 with comma, and
carriage-return line-feed"

Field1,Field2,"Field3 with comma, ""quoted"" word and
carriage-return line-feed"

3. Message Structure

A message consists of multiple “records”. Each record contains a record type followed by one or more comma-separated fields and is terminated by a carriage-return line-feed (CRLF). A message may contain information for zero or more Purchase Orders.

Record	Req.	Max
HEADER	R	1
FUNCTIONALACKREQUEST	O	1
POHEADER	O	>1
ERROR	O	>1
SUBSCRIPTIONEVENT	O	1
CHANGEDescription	O	>1
PARTY	R	>1
IDENTIFICATION	O	>1
REFERENCE	O	>1
TERMS	O	1
ORDERDATE	O	>1
PAYTERMS	O	1
VARIANCE	O	1
ATTACHEDNOTE	O	>1
REFERENCE	O	>1
CONDITION	O	>1
ADDLDOCUMENT	O	>1
ALLOWANCECHARGE	O	>1
PRICING	O	1
REFERENCE	O	>1
PACKAGEMARKSET	O	>1
PACKAGEMARK	O	>1
ITEM	O	>1
ITEMIDENTIFIER	O	>1
ITEMPRICE	O	1
PRICING	O	>1
VARIANCE	O	1
ITEMDATE	O	>1
REFERENCE	O	>1
CUSTOMSCCLASS	O	>1
ITEMTAX	O	>1
ALLOWANCECHARGE	O	>1
PRICING	O	1
REFERENCE	O	>1
PACKAGEINSTRUCT	O	1
DESTINATIONQTY	O	>1
MEASUREMENT	O	>1
PARTY	R	>1
IDENTIFICATION	O	>1
REFERENCE	O	>1
TOTAL	O	1

4. Record Description

Listed below are the symbols that are used within this section.

Type	Description
AN	Alphanumeric
N	Numeric
DEC	Decimal number
DT	Date in YYYY-MM-DD format
B	A value of True or False
T	Date and time in YYYY-MM-DDTHH:mm:ssZ
Req.	Description
O	Optional
R	Required

HEADER

Status: Required
Occurrences: One
Purpose: To start and uniquely identify the message.

#	Name	Req.	Type
01	count	O	N
Description		The number of Purchase Orders contained in the message.	
02	messageld	O	AN
Description		A unique Infor Nexus-generated identifier for the message	

FUNCTIONALACKREQUEST

Status: Optional
Occurrences: One
Purpose: To request a functional acknowledgment

#	Name	Req.	Type
01	functionalAcknowledgeRequestTypeCode	O	AN
Description			
Code		Description	
Both			
Failure			
Success			
02	isIncludeOriginalMessage	R	B
Description			

POHEADER

Status: Optional
 Occurrences: Multiple
 Purpose: To indicate the beginning of an Order and to provide identification information.

#	Name	Req.	Type
01	subMessageId	R	AN
	Description	A unique identifier for the submessages within the message for functional acknowledgement purposes. A submessage is defined for each POHEADER.	
02	messageFunctionCode	O	AN
	Description	The function code of the message. Indicates the message behavior specifically related to a previous pending Order message.	
	Code	Description	
	AttachNotes		
	Cancellation	Cancel an already existing document. This is NOT the same as amending an approved order to a status of "Canceled".	
	Filter		
	Merge	Merge an already-existing transaction with the data in this message. This is NOT the same as an amendment. This message will fail if the system does NOT find an existing message with the same identifying information "Original" Create a new document. The message will fail if the system finds an existing document with the same identifying information	
	Original		
	OriginalMerge	Combines the functionality of an Original and a Replace message in that the message processor attempts to find a document (or documents) to replace via an identification element, but if none can be found, processing continues as if this were an Original message	
	OriginalReplace	Combines the functionality of an Original and a Replace message in that the message processor attempts to find a document (or documents) to replace via an identification element, but if none can be found, processing continues as if this were an Original message	
	Replace	Replace an already-existing transaction with the data in this message. This is NOT the same as an amendment. This message will fail if the system does NOT find an existing message with the same identifying information	
03	orderFunctionCode	O	AN
	Description	Used to indicate the business function of the Purchase Order.	
	Code	Description	
	AmendMerge		
	AmendReplace		
	Authorize		
	CancelAmend		
	CancelMerge		
	CancelReplace		
	CloseMerge		
	CloseReplace		
	Create	Create a new Order.	
	Delete	Delete an existing active Order. After processing, the Order is effectively removed from the system and is not available for reactivation.	
	Negotiate		
04	poNumber	R	AN
	Description	The Buyer's Purchase Order number	
05	orderId	O	N
	Description	Infor Nexus's order number. Outbound Only	
06	revisionNumber	O	AN
	Description	The version number of the Purchase Order	

07	contractNumber	O	AN
Description		The Buyer's identifier for the Contract. This can be used for inbound messages to place the Order into an existing Contract	
08	debitBankAccountNumber	O	AN
Description		Inbound only	
09	redirectUrl	O	AN
Description		A url link to the corresponding document. Outbound Only	

ERROR

Status: Optional
Occurrences: Multiple
Purpose: To indicate validation errors

#	Name	Req.	Type
01	text	R	AN
Description			

SUBSCRIPTIONEVENT

Status: Optional
 Occurrences: One
 Purpose: To indicate outbound event information

#	Name	Req.	Type
01	eventTypeCode	R	AN
	Description	The event that triggered the outbound Purchase Order.	
	Code	Description	
	AmendmentAcknowledgedEvent	When an Order Amendment is acknowledged (approved) via a message	
	AmendmentActivatedEvent	When the Amendment reaches final approval by both Buyer and Seller	
	AmendmentBuyerApprovedEvent	When the Amendment is approved by the Buyer	
	AmendmentBuyerNegotiatedEvent	When the Amendment is approved with changes by the Buyer	
	AmendmentBuyerOriginatedActivatedEvent	When the Amendment that was originated by the Buyer reaches final approval by both Buyer and Seller	
	AmendmentBuyerStartedEvent	When the Amendment is started by the Buyer	
	AmendmentCustomEvent	Triggered by a custom rule at any point required by a client	
	AmendmentDraftCanceledEvent	When a pending Amendment is canceled	
	AmendmentLspCanceledEvent	When the Amendment reaches final approval by both Buyer and Seller that changed the Logistics Provider. Note, the last Po version that listed the changed Logistics Provider is sent	
	AmendmentReceivedEvent	When the Amendment is uploaded into Infor Nexus	
	AmendmentRejectedEvent	When the Amendment is rejected online by a user	
	AmendmentSellerApprovedEvent	When the Amendment is approved by the Seller	
	AmendmentSellerCanceledEvent	When the Amendment reaches final approval by both Buyer and Seller that changed the Seller. Note, the last Po version that listed the changed Seller is sent	
	AmendmentSellerNegotiatedEvent	When the Amendment is approved with changes by the Seller	
	AmendmentSellerOriginatedActivatedEvent	When the Amendment that was originated by the Seller reaches final approval by both Buyer and Seller	
	AmendmentSellerStartedEvent	When the Amendment is started by the Seller	
	AmendmentStartedEvent	When the Amendment is started online or via a message	
	AmendmentValidationFailureEvent	When the Amendment fails validation following upload into Infor Nexus	
	AmendmentValidationSuccessEvent	When the Amendment passes validation following upload into Infor Nexus	
	OfferApproachingExpiryEvent	When workflow determines the Offer is approaching its expiry date	
	OfferExpiredEvent	When the Offer is automatically expired by workflow when its expiry date is reached	
	OrderAcknowledgedEvent	When an Order is acknowledged (approved) via a message	
	OrderActivatedEvent	When Order reaches final approval by both Buyer and Seller	
	OrderApproachingCancellationEvent	When workflow determines the Order is approaching its cancellation date	
	OrderBuyerApprovedEvent	When the Order is approved by the Buyer	
	OrderBuyerNegotiatedEvent	When the Order is approved with changes by the Buyer	
	OrderBuyerOriginatedActivatedEvent	When an Order that was originated by the Buyer reaches final approval by both Buyer and Seller	
	OrderBuyerStartedEvent	When the Order is started online or via a message by the Buyer	
	OrderCanceledEvent	When an active Order is canceled via Amendment by a user	
	OrderClosedEvent	When an active Order is closed	
	OrderCustomEvent	Triggered by a custom rule at any point required by a client	
	OrderDeletedEvent	When an active Order is deleted via Amendment by a user	
	OrderDraftCanceledEvent	When a pending Order is canceled by a user or automatically canceled by workflow when its cancellation date is reached	
	OrderReceivedEvent	When the Order is initially uploaded into Infor Nexus	
	OrderRejectedEvent	When the Order is rejected online by a user	
	OrderPaidEvent	When all of the Debits and Credits in the underlying Settlement are fully confirmed	

	OrderPaymentApprovedEvent	When the correspond Pad gets approved (activated) for payment		
	OrderSellerApprovedEvent	When the Order is approved by the Seller		
	OrderStartedEvent	When the Order is started online or via a message		
	OrderSellerNegotiatedEvent	When the Order is approved with changes by the Seller		
	OrderSellerOriginatedActivatedEvent	When an Order that was originated by the Seller reaches final approval by both Buyer and Seller		
	OrderSellerStartedEvent	When the Order is started online or via a message by the Seller		
	OrderValidationFailureEvent	When the Order fails validation following upload into Infor Nexus		
	OrderValidationSuccessEvent	When the Order passes validation following upload into Infor Nexus		
02	eventRoleCode		R	AN
	Description			
	Code	Description		
	Buyer			
	BuyersAgent			
	CustomsBroker			
	InspectionCompany			
	LogisticsProvider			
	Originator			
	OriginOfGoods			
	Seller			
	SellersAgent			
03	eventDate		R	DT
	Description	The date the event was triggered.		
04	eventDateTime		R	T
	Description	The date and time the event was triggered.		

CHANGEDDESCRIPTION

Status: Optional
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	text	R	AN
Description			

PARTY

Status: Optional
 Occurrences: Multiple
 Purpose: To identify a party to the transaction that is a Infor Nexus member.

#	Name	Req.	Type
01	partyRoleCode	O	AN
	Description	Indicates the party type of the member. Each type may appear once per PO.	
	Code	Description	
	AdditionalParty		
	Seller		
	Buyer		
	BuyersAgent		
	Carrier		
	Consignee		
	CustomsBroker		
	FinalDestination		
	FinalReceiver		
	InspectionCompany		
	LogisticsProvider		
	NotifyParty1		
	NotifyParty2		
	OriginOfGoods		
	Seller		
	SellersAgent		
	ShipmentDestination		
02	memberId	O	AN
	Description	The Infor Nexus member Id.	
03	name	O	AN
	Description		
04	LongName	O	AN
	Description		
05	addressLine1	O	AN
	Description		
06	addressLine2	O	AN
	Description		
07	City	O	AN
	Description		
08	stateOrProvince	O	AN
	Description		
09	postalCodeNumber	O	AN
	Description		
10	CountryCode	O	AN
	Description		
	Values	Refer to ISO 3166-1 alpha-2 Country Code	
11	LocationCode	O	AN
	Description		
12	ContactName	O	AN
	Description		
13	contactEmailAddress	O	AN
	Description		
14	ContactPhone	O	AN
	Description		
15	ContactFax	O	AN

Description			
16	contactDepartment	O	AN
Description			
17	contactRegion	O	AN
Description			

IDENTIFICATION

Status: Optional
Association: PARTY
Occurrences: Multiple
Purpose: To specify identification related to a Party.

#	Name	Req.	Type
01	Type	R	AN
Description			
02	Value	R	AN
Description			

REFERENCE

Status: Optional
Association: PARTY
Occurrences: Multiple
Purpose: To specify a reference related to a Party.

#	Name	Req.	Type
01	Type	R	AN
Description			
02	Value	O	AN
Description			

TERMS

Status: Optional
 Occurrences: One
 Purpose: To indicate the terms of the Order

#	Name	Req.	Type
01	currencyCode	O	AN
	Description		
	Values		Refer to ISO 4217 Currency Code
02	incotermCode	O	AN
	Description		
	Code		Description
	CFR		Cost and Freight
	CIF		Cost, Insurance and Freight
	CIP		Carriage and Insurance Paid To
	CPT		Carriage Paid To
	DDP		Delivered Duty Paid
	DDU		Delivered Duty Unpaid
	DEQ		Delivered Ex Quay
	DES		Delivered Ex Ship
	EXW		Ex Works
	FAS		Free Alongside Ship
	FCA		Free Carrier
	FOB		Free On Board - Stowed
03	incotermLocationCode	O	AN
	Description		
	Values		Refer to UN/LOCODE
04	shipmentMethodCode	O	AN
	Description		
	Code		Description
	A		Air
	AE		Air Express
	AF		Air Freight
	B		Barge
	E		Expedited Truck
	G		Consignee Option
	H		Customer Pickup
	L		Contract Carrier
	M		Multimodal
	P		Private Carrier
	R		Rail
	S		Ocean
	SE		Sea Air
	T		Truck
	U		Private Parcel
	VE		Vessel Ocean
	ZZ		Other
05	isInspectionRequired	O	B
	Description		
06	IsPartialShipmentAllowed	O	B
	Description		
07	isTransShipmentAllowed	O	B
	Description		
08	freightPaymentCode	O	AN
	Description		

Code		Description		
CC		Collect		
PP		Prepaid		
PC		Prepaid but Charged to Customer		
09	freightPaymentExplanation			O AN
Description				

ORDERDATE

Status: Optional

Occurrences: Many

Purpose:

#	Name	Req.	Type
01	orderDateTypeCode	O	AN
	Description		
	Code	Description	
	CancelAfter		
	Earliest		
	Issue		
	Latest		
	OfferExpiry		
02	orderDateValue	O	D
	Description		

PAYTERMS

Status: Optional
 Occurrences: One
 Purpose: To indicate the payment terms

#	Name	Req.	Type
01	paymentTenorDaysCode	O	AN
Description			
Values		Refer to PaymentTenorDays in Appendix A	
02	paymentTenorStartDateCode	O	AN
Description			
Code		Description	
DocumentsPresentation			
InvoiceDate			
OtherTermType			
PaymentAuthorization			
TermSatisfaction			
03	PaymentTenorNotes	O	AN
Description			
04	PaymentTenorBaseDate	O	D
Description		Outbound only	

VARIANCE

Status: Optional
Occurrences: One
Purpose: To specify an allowable quantity variance.

#	Name	Req.	Type
01	varianceTypeCode	R	AN
	Description		
	Code	Description	
	Percent		
	Quantity		
02	LowerVariance	O	DEC
	Description		
03	upperVariance	O	DEC
	Description		

ATTACHEDNOTE

Status: Optional
Occurrences: Many
Purpose:

#	Name	Req.	Type
01	notes	R	AN
Description			

REFERENCE

Status: Optional
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	Type	R	AN
	Description		
02	Value	O	AN
	Description		

CONDITION

Status: Optional
Occurrences: Multiple
Purpose: To specify additional terms and conditions.

#	Name	Req.	Type
01	additionalConditionAcknowledgementCode	O	AN
Description			
Code		Description	
Seller		Seller will acknowledge the condition on each invoice	
None Required		Condition will only appear on the order. No acknowledgement required on invoice	
02	additionalConditionText	R	AN
Description			

ADDLDOCUMENT

Status: Optional
Occurrences: Multiple
Purpose: To specify additional required documents

#	Name	Req.	Type
01	name	O	AN
	Description		
02	number	O	AN
	Description		
03	notes	O	AN
	Description		

ALLOWANCECHARGE

Status: Optional
 Occurrences: Multiple
 Purpose: To specify a discount, fee, and/or chargeback.

#	Name	Req.	Type
01	allowanceChargeIndicatorCode	R	AN
	Description		
	Code Description		
	A Allowance		
	B Chargeback		
	C Charge		
	D Discount		
	T Assist		
	N No Allowance or Charge (custom extension)		
02	AllowanceChargeType	O	AN
	Description		
03	allowanceChargeNumber	O	AN
	Description		
04	ReasonType	O	AN
	Description		
05	ReasonDescription	O	AN
	Description		
06	calculatedAllowanceChargeValue	O	DEC
	Description		
07	allowanceChargeValue	O	DEC
	Description		
08	IsFlatAmount	O	B
	Description		
09	quantity	O	DEC
	Description		
10	perUnit	O	AN
	Description		
11	allowanceChargeHandlingCode	O	AN
	Description		
	Code Description		
	Collect Collect (custom extension)		
	Information Only Information Only (custom extension)		
	Prepaid Prepaid (custom extension)		
12	allowanceChargePercentBasisCode	O	AN
	Description		
	Code Description		
	GrossAmount		
	ItemTotalAmount		
	Item Unit Price (Notes: space between word in schema)		
	NetAmount		
13	taxRate	O	DEC
	Description		
14	notes	O	AN
	Description		

PRICING

Status: Optional
Association: ALLOWANCECHARGE
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	pricingTypeCode	R	AN
Description			
Values		Refer to PricingType in Appendix A	
02	priceValue	O	DEC
Description			
03	currencyCode	O	AN
Description			
Values		Refer to ISO 4217 Currency Code	

REFERENCE

Status: Optional
Association: ALLOWANCECHARGE
Occurrences: Multiple
Purpose: To specify a reference related to an Allowance/Charge.

#	Name	Req.	Type
01	Type	R	AN
	Description		
02	Value	O	AN
	Description		

PACKAGEMARKSET

Status: Optional
Occurrences: Multiple
Purpose:

PACKAGEMARK

Status: Optional
 Association: PACKAGEMARKSET
 Occurrences: Multiple
 Purpose: To specify special marks and instructions.

#	Name	Req.	Type
01	markNumberTypeCode	R	AN
	Description		
	Code		Description
	AA		SSCC-18
	AI		UCC-128
	CA		Shipper Case Number
	CP		Carrier Package Number
	DZ		Receiver Drop Zone
	GM		SSCC-18 and Application Id
	L		Line Item Only
	MC		Master Carton Number
	MT		Marked Ticket Price
	PB		Premarked By Buyer
	SI		Self Identified By RFID
	SM		Shipper Assigned
	SR		Shipper Assigned Roll Number
	SS		Shipper Assigned Skid Number
	R		Originator Assigned
	S		Entire Shipment
	UC		UPC Container Code
	UP		Shipper Assigned Container At Dock
	W		Pallet Number
	X		Pallet Config Number
	ZZ		Mutually Defined
02	markNumberFrom	R	AN
	Description		
03	markNumberTo	O	AN
	Description		
04	mark	O	AN
	Description		

ITEM

Status: Optional
 Occurrences: Multiple
 Purpose: To identify line item information.

#	Name	Req.	Type
01	itemKey	R	AN
	Description	The unique key for this line item	
02	itemTypeCode	O	AN
	Description		
	Code	Description	
	Component		
	Main		
	Sub		
03	itemFunctionCode	O	AN
	Description	Inbound only	
	Code	Description	
	Add		
	Replace		
	Delete		
	Merge		
	MergeSumQuantity		
04	Quantity	O	DEC
	Description		
05	UnitOfMeasureCode	O	AN
	Description		
	Values	Refer to UnitOfMeasure in Appendix A	
06	DestinationName	O	AN
	Description		
07	ShipmentMethodCode	O	AN
	Description		
	Code	Description	
	A	Air	
	AE	Air Express	
	AF	Air Freight	
	B	Barge	
	E	Expedited Truck	
	G	Consignee Option	
	H	Customer Pickup	
	L	Contract Carrier	
	M	Multimodal	
	P	Private Carrier	
	R	Rail	
	S	Ocean	
	SE	Sea Air	
	T	Truck	
	U	Private Parcel	
	VE	Vessel Ocean	
	ZZ	Other	
08	isInspectionRequired	O	B
	Description		

ITEMIDENTIFIER

Status: Optional
 Association: ITEM
 Occurrences: Multiple
 Purpose:

#	Name	Req.	Type
01	ItemIdentifierTypeCode	R	AN
	Description		
	Code		Description
	IdBuyerColor		BuyerColor (custom extension)
	BuyerNumber		BuyerNumber
	IdBuyerSize		BuyerSize (custom extension)
	IdBuyerStyle		BuyerStyle (custom extension)
	IdColor		Color (custom extension)
	CountryOfOrigin		CountryOfOrigin
	IdEANUCC8		EANUCC8 (custom extension)
	IdEANUCC13		EANUCC13 (custom extension)
	ItemSequenceNumber		ItemSequenceNumber
	Level		Level
	LotNumber		LotNumber
	QuotaCategory		QuotaCategory
	IdSellerColor		SellerColor (custom extension)
	SellerNumber		SellerNumber
	IdSellerSize		SellerSize (custom extension)
	IdSellerStyle		SellerStyle (custom extension)
	ShortDescription		ShortDescription
	SkuNumber		SkuNumber
	IdStyle		Style (custom extension)
	UpcNumber		UpcNumber
02	ItemIdentifierValue	O	AN
	Description		

ITEMDESCRIPTOR

Status: Optional
Association: ITEM
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	ItemDescriptorTypeCode	R	AN
Description			
Code		Description	
DescBuyerColor		Buyer Color Description (custom extension)	
LongDescription		Long Description	
DescMaterial		Material (custom extension)	
DescMaterialClass		Material Classification (custom extension)	
DescSellerColor		Seller Color Description (custom extension)	
DescSellerSize		Seller Size Description (custom extension)	
02	ItemDescriptorValue	O	AN
Description			

ITEMPRICE

Status: Optional
Association: ITEM
Occurrences: One
Purpose: To specify the line item price.

#	Name	Req.	Type
01	pricePerUnit	O	DEC
Description		Custom extension. Creates a reference where the type is PrepackPrice unitOfMeasureCode is AS (Assortment) or CA (Case)	
02	totalPrice	O	DEC
Description		Outbound only	

PRICING

Status: Optional
Association: ITEMPRICE
Occurrences: Many
Purpose:

#	Name	Req.	Type
01	pricingTypeCode	R	AN
Description			
Values		Refer to PricingType in Appendix A	
02	priceValue	O	AN
Description			
03	currencyCode	O	AN
Description			
Values		Refer to ISO 4217 Currency Code	

VARIANCE

Status: Optional
Association: ITEM
Occurrences: One
Purpose: To specify an allowable quantity variance for a line item.

#	Name	Req.	Type
01	varianceTypeCode	R	AN
	Description		
	Code	Description	
	Percent		
	Quantity		
02	lowerVariance	O	DEC
	Description		
03	upperVariance	O	DEC
	Description		

ITEMDATE

Status: Optional
Association: ITEM
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	itemDateTypeCode	R	AN
	Description		
	Code	Description	
	EarliestDate		
	LatestDate		
02	itemDateValue	O	DT
	Description		

REFERENCE

Status: Optional
Association: ITEM
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	Type	R	AN
Description			
02	Value	O	AN
Description			

CUSTOMSCLASS

Status: Optional
Association: ITEM
Occurrences: Multiple
Purpose: To specify a customs classification related to a line item.

#	Name	Req.	Type
01	classificationNumber	R	AN
Description			
02	countryCode	O	AN
Description			
Values		Refer to ISO 3166-1 alpha-2 Country Code	

ITEMTAX

Status: Optional
Association: ITEM
Occurrences: Multiple
Purpose: To specify item taxes related to a line item.

#	Name	Req.	Type
01	taxType	O	AN
	Description		
02	description	O	AN
	Description		
03	taxRate	O	DEC
	Description		

ALLOWANCECHARGE

Status: Optional
 Association: ITEM
 Occurrences: Multiple
 Purpose: To specify a discount, fee, and/or chargeback.

#	Name	Req.	Type
01	allowanceChargeIndicatorCode	R	AN
	Description		
	Code Description		
	A Allowance		
	B Chargeback		
	C Charge		
	D Discount		
	T Assist		
	N No Allowance or Charge (custom extension)		
02	allowanceChargeType	O	AN
	Description		
03	allowanceChargeNumber	O	AN
	Description		
04	reasonType	O	AN
	Description		
05	reasonDescription	O	AN
	Description		
06	calculatedAllowanceChargeValue	O	DEC
	Description		
07	allowanceChargeValue	O	DEC
	Description		
08	IsFlatAmount	O	B
	Description		
09	quantity	O	DEC
	Description		
10	perUnit	O	AN
	Description		
11	allowanceChargeHandlingCode	O	AN
	Description		
	Code Description		
	Collect Collect (custom extension)		
	Information Only Information Only (custom extension)		
	Prepaid Prepaid (custom extension)		
12	allowanceChargePercentBasisCode	O	AN
	Description		
	Code Description		
	GrossAmount		
	ItemTotalAmount		
	Item Unit Price (Notes: space between word in schema)		
	NetAmount		
13	taxRate	O	DEC
	Description		
14	notes	O	AN
	Description		

PRICING

Status: Optional
Association: ALLOWANCECHARGE
Occurrences: Multiple
Purpose:

#	Name	Req.	Type
01	pricingTypeCode	R	AN
Description			
Values		Refer to PricingType in Appendix A	
02	priceValue	O	DEC
Description			
03	currencyCode	O	AN
Description			
Values		Refer to ISO 4217 Currency Code	

REFERENCE

Status: Optional
Association: ALLOWANCECHARGE
Occurrences: Multiple
Purpose: To specify a reference related to an Allowance/Charge.

#	Name	Req.	Type
01	Type	R	AN
Description			
02	Value	O	AN
Description			

PACKAGEINSTRUCT

Status: Optional
 Association: ITEM
 Occurrences: One
 Purpose: To specify item packing instructions.

#	Name	Req.	Type
01	packInstructionReference	O	AN
	Description		
02	packMethodCode	O	AN
	Description		
	Code		Description
	BA		Bale
	BG		Bag
	BJ		Banding
	CA		Case
	CT		Carton
	MX		Mixed Container Type
	OH		Garment On Hanger
	PA		Pail
	PF		Pallet
	PK		Package
	RL		Roll
	RM		Ream
	SV		Skid
03	packageType	O	AN
	Description		
04	quantityPerInnerPackage	O	N
	Description		
05	quantityPerOuterPackage	O	N
	Description		

DESTINATIONQTY

Status: Optional
Association: ITEM
Occurrences: Multiple
Purpose: To specify item destination and quantity.

#	Name	Req.	Type
01	destinationName	R	AN
Description		References the Name of the associated DESTINATION record	
02	quantity	R	EDC
Description			
03	unitOfMeasureCode	O	AN
Description			
Values		Refer to UnitOfMeasure in Appendix A	

MEASUREMENT

Status: Optional
 Association: ITEM
 Occurrences: Multiple
 Purpose:

#	Name	Req.	Type
01	measurementTypeCode	R	AN
	Description		
	Code		Description
	GrossWeight		
	Height		
	Length		
	NetNetWeight		
	NetWeight		
	GrossVolume		
	VolumeWeight		
	Width		
02	MeasurementValue	O	DEC
	Description		
03	UnitOfMeasurementCode	O	AN
	Description		
	Values		Refer to UnitOfMeasure in Appendix A

PARTY

Status: Optional
 Association: ITEM
 Occurrences: Multiple
 Purpose: To identify a party to the transaction that is a Infor Nexus member.

#	Name	Req.	Type
01	partyRoleCode	O	AN
	Description	Indicates the party type of the member. Each type may appear once per PO.	
	Code	Description	
	AdditionalParty		
	Seller		
	Buyer		
	BuyersAgent		
	Carrier		
	Consignee		
	CustomsBroker		
	FinalDestination		
	FinalReceiver		
	InspectionCompany		
	LogisticsProvider		
	NotifyParty1		
	NotifyParty2		
	OriginOfGoods		
	Seller		
	SellersAgent		
	ShipmentDestination		
02	memberId	O	AN
	Description	The Infor Nexus member Id.	
03	name	O	AN
	Description		
04	LongName	O	AN
	Description		
05	addressLine1	O	AN
	Description		
06	addressLine2	O	AN
	Description		
07	City	O	AN
	Description		
08	stateOrProvince	O	AN
	Description		
09	postalCodeNumber	O	AN
	Description		
10	CountryCode	O	AN
	Description		
	Values	Refer to ISO 3166-1 alpha-2 Country Code	
11	LocationCode	O	AN
	Description		
12	ContactName	O	AN
	Description		
13	contactEmailAddress	O	AN
	Description		
14	ContactPhone	O	AN
	Description		
15	ContactFax	O	AN

Description			
16	contactDepartment	O	AN
Description			
17	contactRegion	O	AN
Description			

IDENTIFICATION

Status: Optional
Association: PARTY
Occurrences: Multiple
Purpose: To specify identification related to a Party.

#	Name	Req.	Type
01	Type	R	AN
Description			
02	Value	R	AN
Description			

REFERENCE

Status: Optional
Association: PARTY
Occurrences: Multiple
Purpose: To specify a reference related to a Party.

#	Name	Req.	Type
01	Type	R	AN
Description			
02	Value	O	AN
Description			

TOTAL

Status: Optional
Occurrences: One
Purpose: To provide the total charge amount per type

#	Name	Req.	Type
01	totalQuantity	0	DEC
	Description Outbound only		
02	totalMerchandiseAmount	0	DEC
	Description Outbound only		
03	TotalTaxAmount	0	DEC
	Description Outbound only		
04	TotalDocumentAmount	0	DEC
	Description Outbound only		
05	TotalAllowanceChargeAmount	R	DEC
	Description Outbound only		

5. Message Examples

5.1 One Purchase Order with one line item

```
HEADER, 22, messageId
FUNCTIONALACKREQUEST, Both, true
POHEADER, subMessageId, OriginalMerge, Create, poNumber, 4444, revisionNumber, contractNumber, debitBankAccountNumber, redirectUrl
ERROR, validationErrorText
ERROR, validationErrorText
ERROR, validationErrorText
SUBSCRIPTIONEVENT, OrderActivatedEvent, Buyer, 2003-01-02, 2006-06-20T10:27:34Z
CHANGEDescription, changeDescription
CHANGEDescription, changeDescription
CHANGEDescription, changeDescription
PARTY, Buyer, 4444, name, longName, addressLine1, addressLine2, city, stateOrProvince, postalCodeNumber, US, CN
SHA, name, emailAddress, phone, fax, department, region
IDENTIFICATION, type, value
REFERENCE, type, value
PARTY, Seller, 1111, name, longName, addressLine1, addressLine2, city, stateOrProvince, postalCodeNumber, US, CNSHA, name, emailAddress, phone, fax, department, region
IDENTIFICATION, type, value
REFERENCE, type, value
PARTY, LogisticsProvider, 2222, name, longName, addressLine1, addressLine2, city, stateOrProvince, postalCodeNumber, US, CNSHA, name, emailAddress, phone, fax, department, region
IDENTIFICATION, type, value
REFERENCE, type, value
TERMS, USD, FOB, CNSHA, S, true, true, true, CC, freightPaymentExplanation
ORDERDATE, Issue, 2003-01-02
ORDERDATE, OfferExpiry, 2003-01-02
ORDERDATE, CancelAfter, 2003-01-02
ORDERDATE, Earliest, 2003-01-02
ORDERDATE, Latest, 2003-01-02
PAYTERMS, 1, InvoiceDate, paymentTenorNotes, 2003-01-02
VARIANCE, Percent, 333.333, 333.333
ATTACHEDNOTE, notes
ATTACHEDNOTE, notes
ATTACHEDNOTE, notes
REFERENCE, type, value
CONDITION, None Required, additionalConditionText
CONDITION, None Required, additionalConditionText
CONDITION, None Required, additionalConditionText
ADDLDOCUMENT, name, number, notes
ALLOWANCECHARGE, C, allowanceChargeType, allowanceChargeNumber, reasonType, reasonDescription, 333.333, 333.333, true, 333.333, 333.333, Collect, GrossAmount, 333.333, notes
REFERENCE, type, value
ALLOWANCECHARGE, C, allowanceChargeType, allowanceChargeNumber, reasonType, reasonDescription, 333.333, 333.333, true, 333.333, 333.333, Collect, GrossAmount, 333.333, notes
REFERENCE, type, value
PACKAGEMARKSET
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARKSET
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARKSET
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
PACKAGEMARK, AI, markNumberFrom, markNumberTo, mark
ITEM, itemKey, Main, Add, 333.333, BX, S, true
ITEMIDENTIFIER, BuyerNumber, itemIdentifierValue
ITEMDESCRIPTOR, LongDescription, Long description
```

ITEMPRICE,333.333,333.333
VARIANCE,Percent,333.333,333.333
ITEMDATE,EarliestDate,2006-06-20T10:27:34Z
REFERENCE,type,value
CUSTOMSCLASS,classificationNumber,US
CUSTOMSCLASS,classificationNumber,US
CUSTOMSCLASS,classificationNumber,US
ITEMTAX,taxType,333.333,description

ITEM TAX, taxType, 333.333, description
 ITEM TAX, taxType, 333.333, description
 ALLOWANCE CHARGE, C, allowanceChargeType, allowanceChargeNumber, reasonType, reasonDescription, 333.333, 333.333, true, 333.333, 333.333, Collect, GrossAmount, 333.333, notes
 REFERENCE, type, value
 ALLOWANCE CHARGE, C, allowanceChargeType, allowanceChargeNumber, reasonType, reasonDescription, 333.333, 333.333, true, 333.333, 333.333, Collect, GrossAmount, 333.333, notes
 REFERENCE, type, value
 PACKAGE INSTRUCT, packInstructionReference, CT, packageType, 22, 22
 DESTINATION QTY, finalDestinationName, 333.333, BX
 DESTINATION QTY, finalDestinationName, 333.333, BX
 DESTINATION QTY, finalDestinationName, 333.333, BX
 MEASUREMENT, NetNetWeight, 333.333, BX
 MEASUREMENT, NetNetWeight, 333.333, BX
 MEASUREMENT, NetNetWeight, 333.333, BX
 PARTY, OriginOfGoods, 4444, OriginOfGoods, longName, addressLine1, addressLine2, city, stateOrProvince, postalCodeNumber, US, CNSHA, name, emailAddress, phone, fax, department, region
 IDENTIFICATION, type, value
 REFERENCE, type, value
 PARTY, ShipmentDestination, 4444, ShipmentDestination, longName, addressLine1, addressLine2, city, stateOrProvince, postalCodeNumber, US, CNSHA, name, emailAddress, phone, fax, department, region
 IDENTIFICATION, type, value
 REFERENCE, type, value
 TOTAL, 333.333, 333.333, 333.333, 333.333, 333.333, 333.333

5.2 One Purchase Order with two line items

HEADER,22,messageId
FUNCTIONALACKREQUEST,Both,true
POHEADER,subMessageId,OriginalMerge,Create,poNumber,4444,revisionNumber,contractNumber,debitBankAccountNumber,redirectUrl
ERROR,validationErrorText
ERROR,validationErrorText
ERROR,validationErrorText
SUBSCRIPTIONEVENT,OrderActivatedEvent,Buyer,2003-01-02,2006-06-20T10:27:34Z
CHANGEDescription,changeDescription
CHANGEDescription,changeDescription
CHANGEDescription,changeDescription
PARTY,Buyer,4444,name,longName,addressLine1,addressLine2,city,stateOrProvince,postalCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
IDENTIFICATION,type,value
REFERENCE,type,value
PARTY,Seller,1111,name,longName,addressLine1,addressLine2,city,stateOrProvince,postalCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
IDENTIFICATION,type,value
REFERENCE,type,value
PARTY,LogisticsProvider,2222,name,longName,addressLine1,addressLine2,city,stateOrProvince,postalCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
IDENTIFICATION,type,value
REFERENCE,type,value
TERMS,USD,FOB,CNSHA,S,true,true,true,CC,freightPaymentExplanation
ORDERDATE,Issue,2003-01-02
ORDERDATE,OfferExpiry,2003-01-02
ORDERDATE,CancelAfter,2003-01-02
ORDERDATE,Earliest,2003-01-02
ORDERDATE,Latest,2003-01-02
PAYTERMS,1,InvoiceDate,paymentTenorNotes,2003-01-02
VARIANCE,Percent,333.333,333.333
ATTACHEDNOTE,notes
ATTACHEDNOTE,notes
ATTACHEDNOTE,notes
REFERENCE,type,value
CONDITION,None Required,additionalConditionText
CONDITION,None Required,additionalConditionText
CONDITION,None Required,additionalConditionText
ADDDOCUMENT,name,number,notes
ALLOWANCECHARGE,C,allowanceChargeType,allowanceChargeNumber,reasonType,reasonDescription,333.333,333.333,true,333.333,333.333,Collect,GrossAmount,333.333,notes
REFERENCE,type,value
ALLOWANCECHARGE,C,allowanceChargeType,allowanceChargeNumber,reasonType,reasonDescription,333.333,333.333,true,333.333,333.333,Collect,GrossAmount,333.333,notes
REFERENCE,type,value
PACKAGEMARKSET
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARKSET
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARKSET
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
PACKAGEMARK,AI,markNumberFrom,markNumberTo,mark
ITEM,itemKey,Main,Add,333.333,BX,S,true
ITEMIDENTIFIER,BuyerNumber,itemIdentifierValue
ITEMDESCRIPTOR,LongDescription,Long description
ITEMPRICE,333.333,333.333
VARIANCE,Percent,333.333,333.333
ITEMDATE,EarliestDate,2006-06-20T10:27:34Z
REFERENCE,type,value

CUSTOMSCLASS,classificationNumber,US
 CUSTOMSCLASS,classificationNumber,US
 CUSTOMSCLASS,classificationNumber,US
 ITEM TAX,taxType,333.333,description
 ITEM TAX,taxType,333.333,description
 ITEM TAX,taxType,333.333,description
 ALLOWANCECHARGE,C,allowanceChargeType,allowanceChargeNumber,reasonType,reasonDescription,333.333,33
 3.333,true,333.333,333.333,Collect,GrossAmount,333.333,notes
 REFERENCE,type,value
 ALLOWANCECHARGE,C,allowanceChargeType,allowanceChargeNumber,reasonType,reasonDescription,333.333,33
 3.333,true,333.333,333.333,Collect,GrossAmount,333.333,notes
 REFERENCE,type,value
 PACKAGEINSTRUCT,packInstructionReference,CT,packageType,22,22
 DESTINATIONQTY,finalDestinationName,333.333,BX
 DESTINATIONQTY,finalDestinationName,333.333,BX
 DESTINATIONQTY,finalDestinationName,333.333,BX
 MEASUREMENT,NetNetWeight,333.333,BX
 MEASUREMENT,NetNetWeight,333.333,BX
 MEASUREMENT,NetNetWeight,333.333,BX
 PARTY,OriginOfGoods,4444,OriginOfGoods,longName,addressLine1,addressLine2,city,stateOrProvince,postal
 alCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
 IDENTIFICATION,type,value
 REFERENCE,type,value
 PARTY,ShipmentDestination,4444,ShipmentDestination,longName,addressLine1,addressLine2,city,stateOrP
 rovince,postalCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
 IDENTIFICATION,type,value
 REFERENCE,type,value
 ITEM,itemKey,Sub,Add,333.333,BX,S,true
 ITEMIDENTIFIER,BuyerNumber,itemIdentifierValue
 ITEMPRICE,333.333,333.333
 VARIANCE,Percent,333.333,333.333
 ITEMDATE,EarliestDate,2006-06-20T10:27:34Z
 REFERENCE,type,value
 CUSTOMSCLASS,classificationNumber,US
 CUSTOMSCLASS,classificationNumber,US
 CUSTOMSCLASS,classificationNumber,US
 ITEM TAX,taxType,333.333,description
 ITEM TAX,taxType,333.333,description
 ITEM TAX,taxType,333.333,description
 ALLOWANCECHARGE,C,allowanceChargeType,allowanceChargeNumber,reasonType,reasonDescription,333.333,33
 3.333,true,333.333,333.333,Collect,GrossAmount,333.333,notes
 REFERENCE,type,value
 ALLOWANCECHARGE,C,allowanceChargeType,allowanceChargeNumber,reasonType,reasonDescription,333.333,33
 3.333,true,333.333,333.333,Collect,GrossAmount,333.333,notes
 REFERENCE,type,value
 PACKAGEINSTRUCT,packInstructionReference,CT,packageType,22,22
 DESTINATIONQTY,finalDestinationName,333.333,BX
 DESTINATIONQTY,finalDestinationName,333.333,BX
 DESTINATIONQTY,finalDestinationName,333.333,BX
 MEASUREMENT,NetNetWeight,333.333,BX
 MEASUREMENT,NetNetWeight,333.333,BX
 MEASUREMENT,NetNetWeight,333.333,BX
 PARTY,OriginOfGoods,4444,OriginOfGoods,longName,addressLine1,addressLine2,city,stateOrProvince,postal
 alCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
 IDENTIFICATION,type,value
 REFERENCE,type,value
 PARTY,ShipmentDestination,4444,ShipmentDestination,longName,addressLine1,addressLine2,city,stateOrP
 rovince,postalCodeNumber,US,CNSHA,name,emailAddress,phone,fax,department,region
 IDENTIFICATION,type,value
 REFERENCE,type,value
 TOTAL,333.333,333.333,333.333,333.333,333.333,333.333

Appendix A – Code Tables

PaymentTenorDays

Code	Description
(1 to 30)	Number 1 to 30 inclusive. 1 day to 30 days
35	35 days
36	36 days
40	40 days
45	45 days
50	50 days
55	55 days
60	60 days
65	65 days
66	66 days
70	70 days
73	73 days
75	75 days
77	77 days
80	80 days
85	85 days
90	90 days
95	95 days
96	96 days
100	100 days
105	105 days
110	110 days
115	115 days
120	120 days
125	125 days
130	130 days
135	135 days
140	140 days
145	145 days
150	150 days
155	155 days
160	160 days
165	165 days
170	170 days
175	175 days
180	180 days

PricingType

Code	Description
PriceACT	Actual. The final negotiated contract price (custom extension)
PriceALT	Alternate Price (custom extension)
PriceCAT	Catalog Price (custom extension)
PriceCHG	Changed Price (custom extension)
PriceCON	Contract Price (custom extension)
PriceCUS	Declared Customs Unit Value (custom extension)
PriceDPR	Discount Price (custom extension)
PriceDSP	Direct Ship Program Price (custom extension)
PriceELC	Estimated Landed Cost (custom extension)
PriceEST	Estimated Price (custom extension)
PriceFCP	First Cost Price (custom extension)
PriceINV	Invoice Billing Price (custom extension)
PriceLPR	List Price (custom extension)
PriceMSR	Manufacturer's Suggested Retail (custom extension)
PriceNET	Net Item Price (custom extension)
PricePRP	Promotional price (custom extension)
PricePUR	Purchase (custom extension)
PriceQTE	Quote Price (custom extension)
PriceRES	Resale (custom extension)
PriceRTL	Retail (custom extension)
PriceSLP	Suggested List Price (custom extension)
PriceSPC	Special Price (custom extension)
PriceSTA	Standard Price. Indicates a standard unit price, including all surcharges (custom extension)
PriceSWP	Suggested Wholesale Price (custom extension)
PriceWHL	Wholesale (custom extension)

UnitOfMeasure

Code	Description
4E	Twenty Pack
4F	OneHundred Pack
AG	Percentage
AS	Assortment
BO	Bottle
BR	Barrel
BX	Box
CA	Case
CC	Cubic Centimeter
CF	Cubic Feet
CM	Per Cubic Meter
CN	Can
CR	Cubic Meter
CS	Cassette
CX	Coil
DA	Days
DZ	Dozen
EA	Each
FC	Flat Charge
GA	Gallon
GS	Gross
H3	Eighteen Pack
H5	TwentyTwo Pack
H6	Thirty Pack
H7	ThirtyEight Pack
H8	SixtyTwo Pack
H9	SeventyFive Pack
HD	Half Dozen
HR	Hour
J7	NinetySix Pack
J8	FiveThousnad Pack
J9	Left Unit
JR	Jar
KG	Kilogram
L1	Right Unit
LB	Pound
LF	Linear Foot
LO	Lots
LY	Linear Yard
MI	Mile
MJ	Minute
MO	Month
MP	Metric Ton
MR	Meters
03	Seconds
OP	Two Pack
P3	Three Pack
P4	Four Pack
P5	Five Pack
P6	Six Pack
P7	Seven Pack
P8	Eight Pack
P9	Nine Pack

Code	Description
PA	Per Container
PC	Peice
PG	Page
PK	Pack
PR	Pair
PS	Per Shipment
Q4	Fifty Pack
Q5	TwentyFive Pack
Q6	ThirstySix Pack
Q7	TwentyFour Pack
RL	Roll
SF	Square Foot
SH	Sheet
SM	Square Meter
SP	Per Stop
ST	Set
SY	Square Yard
TN	Ton
TP	Ten Pack
U5	TwoHundredFifty Pack
UN	Unit
VC	FiveHundred Pack
WK	Week
XE	TwentyOne Pack
YD	Yard
YR	Year
Z7	Thirteen Pack
Z9	Fourteen Pack
ZF	Sixteen Pack
ZG	FortyEight Pack
ZH	SixtyOne Pack
ZI	FiftyTwo Pack
ZJ	Sixty Pack
ZK	SeventyTwo Pack
ZN	OneHundredTwenty Pack
ZO	OneHundredFifty Pack
ZQ	TwoHundred Pack
ZR	OneThousand Pack
ZS	Fifteen Pack
ZT	Twelve Pack
ZU	ThirtyTwo Pack
ZV	Forty Pack
ZW	NinetyEight Pack