

Indigo

Indigo Books & Music Inc. - Trade Books

X12/V4010/850 : 850 Purchase Order

Version: 1 Final

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850 Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

User Note 1:

Change History:

November 2020:

Add IA and DP qualifiers to REF_01

Changed usage of FOB segment from Optional To Mandatory

Changed usage of FOB_04,05 and 06 from Relational to Optional

Add 01,02,ZZ qualifiers in FOB_04

Change usage of PO1_05 from Relational to Optional

Changed usage of PID segment from Optional to Mandatory

Removed CTT_02

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BEG	Beginning Segment for Purchase Order	M	1			Must use
040	CUR	Currency	M	1			Must use
050	REF	Reference Identification	O	>1			Used
080	FOB	F.O.B. Related Instructions	M	>1			Must use
110	CSH	Sales Requirements	M	5			Must use
150	DTM	Date/Time Reference	M	10			Used

LOOP ID - N1

200

310	N1	Name	M	1			Must use
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Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - PO1</u>						<u>100000</u>	<u>N2/010L</u>
010	PO1	Baseline Item Data	M	1		N2/010	Must use
<u>LOOP ID - CTP</u>						<u>>1</u>	
040	CTP	Pricing Information	M	1			Must use
<u>LOOP ID - PID</u>						<u>1000</u>	
050	PID	Product/Item Description	M	1			Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/010L PO102 is required.

2/010 PO102 is required.

3/010L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use	1

Description: Code to identify the type of information in the Authorization Information

Code List Summary (Total Codes: 7, Included: 1)

Code Name

00 No Authorization Information Present (No Meaningful Information in I02)

ISA02	I02	Authorization Information	M	AN	10/10	Must use	1
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Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)

ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use	1
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Description: Code to identify the type of information in the Security Information

All valid standard codes are used. (Total Codes: 2)

ISA04	I04	Security Information	M	AN	10/10	Must use	1
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Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)

ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
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Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

User Note 1:

12 for Trade

ZZ for VMI

Code List Summary (Total Codes: 38, Included: 2)

Code Name

12 Phone (Telephone Companies)

ZZ Mutually Defined

ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use	1
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Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

User Note 1:

4163644499 for Trade

VMIORDERS for VMI

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified					
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them					
ISA09	I08	Interchange Date	M	DT	6/6	Must use	1
		Description: Date of the interchange					
ISA10	I09	Interchange Time	M	TM	4/4	Must use	1
		Description: Time of the interchange					
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use	1
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer					
		All valid standard codes are used. (Total Codes: 1)					
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		Description: Code specifying the version number of the interchange control segments					
		Code List Summary (Total Codes: 17, Included: 1)					
		Code	Name				
		00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1				
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use	1
		Description: A control number assigned by the interchange sender					
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use	1
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)					
		Code List Summary (Total Codes: 2, Included: 1)					
		Code	Name				
		0	No Acknowledgment Requested				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use	1
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information					
		Code List Summary (Total Codes: 3, Included: 2)					
		Code	Name				
		P	Production Data				
		T	Test Data				
ISA16	I15	Component Element Separator	M		1/1	Must use	1
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data					

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		elements within a composite data structure; this value must be different than the data element separator and the segment terminator					

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage	Rep
GS01	479	Functional Identifier Code	M	ID	2/2	Must use	1

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 224, Included: 1)

Code Name

PO Purchase Order (850)

GS02	142	Application Sender's Code	M	AN	2/15	Must use	1
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Description: Code identifying party sending transmission; codes agreed to by trading partners

User Note 1:

4163644499 for Trade

VMIORDERS for VMI

GS03	124	Application Receiver's Code	M	AN	2/15	Must use	1
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	Date	M	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD

GS05	337	Time	M	TM	4/8	Must use	1
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	Group Control Number	M	N0	1/9	Must use	1
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Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Must use	1
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Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard

Code List Summary (Total Codes: 2, Included: 1)

Code Name

X Accredited Standards Committee X12

GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use	1
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Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed					

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 298, Included: 1)

Code Name

850 Purchase Order

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BEG Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1
Description: Code identifying purpose of transaction set							
Code List Summary (Total Codes: 65, Included: 1)							
Code Name							
00 Original							
BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use	1
Description: Code specifying the type of Purchase Order							
Code List Summary (Total Codes: 69, Included: 2)							
Code Name							
NE New Order							
RE Reorder							
BEG03	324	Purchase Order Number	M	AN	1/22	Must use	1
Description: Identifying number for Purchase Order assigned by the orderer/purchaser							
User Note 1:							
<i>Purchase Order Number is 10 characters long (Min/Max 10)</i>							
BEG05	373	Date	M	DT	8/8	Must use	1
Description: Date expressed as CCYYMMDD							
BEG07	587	Acknowledgment Type	O	ID	2/2	Used	1
Description: Code specifying the type of acknowledgment							
User Note 1:							
<i>Used to indicate expected Acknowledgement Type.</i>							
Code List Summary (Total Codes: 15, Included: 1)							
Code Name							
AC Acknowledge - With Detail and Change							

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

CUR Currency

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1312, Included: 2)

Code Name

BY Buying Party (Purchaser)

SE Selling Party

CUR02	100	Currency Code	M	ID	3/3	Must use	1
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Description: Code (Standard ISO) for country in whose currency the charges are specified

User Note 1:

CAD = Canada

USD = US

GBP = Great Britain Pound

EUR = European

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Used	1

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 3)

Code Name

- DP Department Number
- IA Internal Vendor Number
- PD Promotion/Deal Number

REF02	127	Reference Identification	M	AN	1/30	Used	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

User Note 1:

DP Department Number = MCAT Number

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
FOB01	146	Shipment Method of Payment	M	ID	2/2	Must use	1

Description: Code identifying payment terms for transportation charges

Code List Summary (Total Codes: 28, Included: 1)

Code Name

DE Per Contract

FOB04	334	Transportation Terms Qualifier Code	M	ID	2/2	Must use	1
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Description: Code identifying the source of the transportation terms

Code List Summary (Total Codes: 3, Included: 3)

Code Name

01 Incoterms
02 Trade Terms Code
ZZ Mutually Defined

FOB05	335	Transportation Terms Code	M	ID	3/3	Must use	1
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Description: Code identifying the trade terms which apply to the shipment transportation responsibility

Code List Summary (Total Codes: 25, Included: 13)

Code Name

CFR Cost and Freight
CIF Cost, Insurance, and Freight
CIP Carriage and Insurance Paid To
CPT Carriage Paid To
DAF Delivered at Frontier
DDP Delivered Duty Paid
DDU Deliver Duty Unpaid
DEQ Delivered Ex Quay
DES Delivered Ex Ship
EXW Ex Works
FAS Free Alongside Ship
FCA Free Carrier
FOB Free on Board

FOB06	309	Location Qualifier	M	ID	1/2	Must use	1
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Description: Code identifying type of location

Code List Summary (Total Codes: 172, Included: 1)

Code Name

ZZ Mutually Defined

FOB07	352	Description	M	AN	1/80	Must use	1
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Description: A free-form description to clarify the related data elements and their content**User Note 1:***Receiver Address (Country Code, ProvinceName, City Name)**FOB*DE***01*DDP*ZZ*CA,Alberta,Calgary~***Syntax Rules:**

1. C0405 - If FOB04 is present, then FOB05 is required.
2. C0706 - If FOB07 is present, then FOB06 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB06 is the code specifying the title passage location.

CSH Sales Requirements

Pos: 110	Max: 5
Heading - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To specify general conditions or requirements of the sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CSH01	563	Sales Requirement Code	M	ID	1/2	Must use	1

Description: Code to identify a specific requirement or agreement of sale

Code List Summary (Total Codes: 54, Included: 3)

Code Name

N	No Back Order
O	Back Order If Items Are Out of Stock or Not Yet Published
Y	Back Order if Out of Stock

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Code List Summary (Total Codes: 1112, Included: 2)

Code Name

- 001 Cancel After
- 002 Delivery Requested

DTM02	373	Date	M	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD

User Note 1:

001 Cancel After - The Purchase order will be cancelled if not shipped by this date

002 Delivery Requested - The Purchase Order is to be delivered by this date.

Loop Name

Pos: 310	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
310	N1	Name	M	1		Must use

N1 Name

Pos: 310	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1312, Included: 4)

Code Name

BT	Bill-to-Party
FS	Final Scheduled Destination
ST	Ship To
VN	Vendor

N102	93	Name	O	AN	1/60	Used	1
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Description: Free-form name

N103	66	Identification Code Qualifier	M	ID	1/2	Must use	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code List Summary (Total Codes: 215, Included: 1)

Code Name

15	Standard Address Number (SAN)
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N104	67	Identification Code	M	AN	2/80	Must use	1
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Description: Code identifying a party or other code

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Loop Baseline Item Data

Pos: 010	Repeat: 100000
Mandatory	
Loop: PO1	Elements: N/A

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	M	1		Must use
040		Loop CTP	M		>1	Must use
050		Loop PID	M		1000	Must use

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 9

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PO101	350	Assigned Identification	M	AN	1/20	Must use	1
Description: Alphanumeric characters assigned for differentiation within a transaction set							
User Note 1:							
<i>PO101 must be non-sequential and returned on all documents</i>							
PO102	330	Quantity Ordered	M	R	1/15	Must use	1
Description: Quantity ordered							
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use	1
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken							
Code List Summary (Total Codes: 794, Included: 1)							
<u>Code</u> <u>Name</u>							
EA Each							
PO104	212	Unit Price	M	R	1/17	Must use	1
Description: Price per unit of product, service, commodity, etc.							
PO105	639	Basis of Unit Price Code	O	ID	2/2	Used	1
Description: Code identifying the type of unit price for an item							
Code List Summary (Total Codes: 91, Included: 1)							
<u>Code</u> <u>Name</u>							
NT Net							
PO106	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)							
Code List Summary (Total Codes: 477, Included: 4)							
<u>Code</u> <u>Name</u>							
EN European Article Number (EAN) (2-5-5-1)							
IB International Standard Book Number (ISBN)							
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)							
UP U.P.C. Consumer Package Code (1-5-5-1)							
PO107	234	Product/Service ID	M	AN	1/48	Must use	1
Description: Identifying number for a product or service							
PO108	235	Product/Service ID Qualifier	O	ID	2/2	Used	1
Description: Code identifying the type/source of the descriptive number used in							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		Product/Service ID (234)					
		Code List Summary (Total Codes: 477, Included: 6)					
		Code		Name			
		EN		European Article Number (EAN) (2-5-5-1)			
		IB		International Standard Book Number (ISBN)			
		MG		Manufacturer's Part Number			
		UK		U.P.C./EAN Shipping Container Code (1-2-5-5-1)			
		UP		U.P.C. Consumer Package Code (1-5-5-1)			
		VN		Vendor's (Seller's) Item Number			
PO109	234	Product/Service ID	O	AN	1/48	Used	1
		Description: Identifying number for a product or service					

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Loop Pricing Information

Pos: 040 Repeat: >1
 Mandatory
 Loop: CTP Elements: N/A

User Option (Usage): Must use

Purpose: To specify pricing information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
040	CTP	Pricing Information	M	1		Must use

CTP Pricing Information

Pos: 040	Max: 1
Detail - Mandatory	
Loop: CTP	Elements: 4

User Option (Usage): Must use

Purpose: To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CTP02	236	Price Identifier Code	M	ID	3/3	Must use	1
Description: Code identifying pricing specification							
Code List Summary (Total Codes: 164, Included: 1)							
Code Name							
SLP Suggested List Price							
CTP03	212	Unit Price	M	R	1/17	Must use	1
Description: Price per unit of product, service, commodity, etc.							
CTP06	648	Price Multiplier Qualifier	X	ID	3/3	Used	1
Description: Code indicating the type of price multiplier							
Code List Summary (Total Codes: 6, Included: 1)							
Code Name							
DIS Discount Multiplier							
CTP07	649	Multiplier	X	R	1/10	Used	1
Description: Value to be used as a multiplier to obtain a new value							
User Note 1:							
<i>Multiplier of .8 = 20% discount</i>							
<i>Multiplier of .6 = 40% discount</i>							

Syntax Rules:

1. C0607 - If CTP06 is present, then CTP07 is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.

Loop Product/Item Description

Pos: 050	Repeat: 1000
Mandatory	
Loop: PID	Elements: N/A

User Option (Usage): Must use

Purpose: To describe a product or process in coded or free-form format

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	PID	Product/Item Description	M	1		Must use

PID Product/Item Description

Pos: 050	Max: 1
Detail - Mandatory	
Loop: PID	Elements: 2

User Option (Usage): Must use

Purpose: To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
PID01	349	Item Description Type	M	ID	1/1	Must use	1

Description: Code indicating the format of a description

Code List Summary (Total Codes: 3, Included: 1)

Code Name

F Free-form

PID05	352	Description	X	AN	1/80	Must use	1
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.

Semantics:

1. PID04 should be used for industry-specific product description codes.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

Loop Transaction Totals

Pos: 010	Repeat: 1
Mandatory	
Loop: CTT	Elements: N/A

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		Used

CTT Transaction Totals

Pos: 010 Max: 1
 Summary - Optional
 Loop: CTT Elements: 1

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use	1

Description: Total number of line items in the transaction set

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

Comments:

1. SE is the last segment of each transaction set.