

855 Purchase Order Acknowledgment

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Group

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855

Purchase Order Acknowledgment

Functional Group=PR

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Heading:

_ '			_		_		
<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	М	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use
040	CUR	Currency	0	1			Used
050	REF	Reference Identification	0	>1			Recommended
110	CSH	Sales Requirements	0	1			Used
LOOP ID	- SAC				<u>25</u>		
120	SAC	Service, Promotion, Allowance, or Charge Information	0	1			Used
150	DTM	Date/Time Reference	0	10			Used
185	SI	Service Characteristic Identification	0	2			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	0	12			Used
LOOP ID	<u>- N1</u>				200		
300	N1	Name	0	1			Must use
310	N2	Additional Name Information	0	2			Used
320	N3	Address Information	0	2			Used
330	N4	Geographic Location	0	1			Used
340	REF	Reference Identification	0	12			Used
350	PER	Administrative Communications Contact	0	>1			Used

Detail:

Pos	<u>ld</u>	Segment Name	Req	Max Use	Repeat	Notes	<u>Usage</u>
LOOP ID	- PO1				100000	N2/010L	
010	PO1	Baseline Item Data	0	1		N2/010	Must use
020	CUR	Currency	0	1			Not recommended
040	CTP	Pricing Information	0	>1			Used
LOOP ID - PID					<u>1000</u>		
050	PID	Product/Item Description	0	1			Used
090	PO4	Item Physical Details	0	>1			Used
100	REF	Reference Identification	0	>1			Used
LOOP ID	- SAC				<u>25</u>		
130	SAC	Service, Promotion, Allowance, or Charge Information	0	1			Used
LOOP ID	- ACK				104		
		Literature A. Lee La Lee et al.	_	4	<u>104</u>		N4
270	ACK	Line Item Acknowledgment	0	1			Must use

280	DTM	Date/Time Reference	0	1			Used
			·				
LOOP ID	<u> - SCH</u>				<u>200</u>	N2/310L	
310	SCH	Line Item Schedule	0	1		N2/310	Used

Summary:

Pos	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Notes</u>	<u>Usage</u>
LOOP ID	- CTT		·		<u>1</u>	N3/010L	
010	CTT	Transaction Totals	0	1		N3/010	Must use
030	SE	Transaction Set Trailer	М	1			Must use

Notes:

- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 2/310L The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 2/310 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 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.

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:

Ref	<u>ld</u>	Element Na		Req	Type	Min/Max	<u>Usage</u>	
ST01	143	Transaction	М	ID	3/3	Must use		
		Description	escription: Code uniquely identifying a Transaction Set					
		<u>Code</u>	<u>Name</u>					
		855	X12.9 Purchase Order Acknow	wledgme	ent			
ST02	329	Transaction	n Set Control Number	М	AN	4/9	Must use	
Description: Identifying control number that must be unique within the transac functional group assigned by the originator for a transaction set						saction 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).

BAK

Beginning Segment for Purchase Order Acknowledgment

Pos: 020 Max: 1 Heading - Mandatory Loop: N/A Elements: 8

User Option (Usage): Must use

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

Element Summary:

<u>ld</u> 353			Req M	Type	Min/Max	<u>Usage</u> Must use
000		-			<i>L</i> / <i>L</i>	Widot doo
	Code 00 02 03 04 06	Name Original Add Delete Change Confirmation	an oddino	00.		
587	Acknowled	gment Type	М	ID	2/2	Must use
	Description	n: Code specifying the type of a	cknowled	dgment		
	<u>Code</u> AC AE RJ	<u> </u>	_			
324	Purchase C	Order Number	М	AN	1/22	Must use
	Description	n: Identifying number for Purcha	se Orde	r assigne	ed by the order	er/purchaser
373	Date		М	DT	8/8	Must use
	Description	n: Date expressed as CCYYMM	DD			
328	Release Nu	ımber	0	AN	1/30	Used
			against a	a Purcha	se Order previo	ously placed by
326	Request Re	eference Number	0	AN	1/45	Used
367	Contract N	umber	0	AN	1/30	Used
	Description	n: Contract number				
373	Date		0	DT	8/8	Must use
	Description	n: Date expressed as CCYYMM	DD			
	353 587 324 373 328 326	Transaction Description Code 00 02 03 04 06 587 Acknowled Description Code AC AE RJ 324 Purchase C Description 373 Date Description 328 Release Nu Description the parties i 326 Request Re Description set and que number) 367 Contract N Description 373 Date	Transaction Set Purpose Code Description: Code identifying purpose of trace Code	Transaction Set Purpose Code Description: Code identifying purpose of transaction Code Name 00 Original 02 Add 03 Delete 04 Change 06 Confirmation 587 Acknowledgment Type M Description: Code specifying the type of acknowled Code AC Acknowledge - With Detail and Change AC Acknowledge - With Exception Detail RJ Rejected - No Detail 324 Purchase Order Number M Description: Identifying number for Purchase Orde 373 Date M Description: Date expressed as CCYYMMDD 328 Release Number O Description: Number identifying a release against a the parties involved in the transaction 326 Request Reference Number or RFQ number to set and query (additional reference number or description: Contract Number Contract Number O Description: Contract number	Transaction Set Purpose Code Description: Code identifying purpose of transaction set Code Name OO Original O2 Add O3 Delete O4 Change O6 Confirmation 587 Acknowledgment Type M ID Description: Code specifying the type of acknowledgment Code Name AC Acknowledge - With Detail and Change AE Acknowledge - With Exception Detail Only RJ Rejected - No Detail 324 Purchase Order Number M AN Description: Identifying number for Purchase Order assigned 373 Date M Description: Number identifying a release against a Purchathe parties involved in the transaction 326 Request Reference Number O AN Description: Reference number or RFQ number to use to identify and query (additional reference number or description who number) 367 Contract Number O AN Description: Contract number O AN Description: Contract number O AN Description: Contract number	Transaction Set Purpose Code Description: Code identifying purpose of transaction set Code Name 00 Original 02 Add 03 Delete 04 Change 06 Confirmation 587 Acknowledgment Type Description: Code specifying the type of acknowledgment Code ACROWledge - With Detail and Change AC Acknowledge - With Exception Detail Only RJ Rejected - No Detail 324 Purchase Order Number Description: Identifying number for Purchase Order assigned by the orders 373 Date M Description: Date expressed as CCYYMMDD 328 Release Number O AN 1/30 Description: Number identifying a release against a Purchase Order previous the parties involved in the transaction 326 Request Reference Number or RFQ number to use to identify a particus set and query (additional reference number or description which can be use number) Contract Number O AN 1/30 Description: Contract number O DESCRIPTION: 8/8

Semantics:

- 1. BAK04 is the date assigned by the purchaser to purchase order.
- 2. BAK08 is the seller's order number.
- 3. BAK09 is the date assigned by the sender to the acknowledgment.

CUR Currency

Pos: 040 Max: 1 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

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

Element Summary:

Ref CUR01	<u>Id</u> 98	Element Name Entity Identifie		Req M	Type ID	Min/Max 2/2	<u>Usage</u> Must use
		Description: C	onal ent	ity, a phy	sical location,	or an individual	
		BY B	<u>Name</u> Buying Party (Purchaser) Selling Party				
CUR02	100	Currency Code	le	М	ID	3/3	Must use
		Description: C	Code (Standard ISO) for count	try in wh	ose curr	ency the charg	es are specified
CUR03	280	Exchange Rate	e	0	R	4/10	Used
		Description: V from one currer	/alue to be used as a multiplic ncy to another	er conve	rsion fac	tor to convert r	monetary value

Syntax Rules:

- 1. C0807 If CUR08 is present, then CUR07 is required.
- 2. C0907 If CUR09 is present, then CUR07 is required.
- 3. L101112 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4. C1110 If CUR11 is present, then CUR10 is required.
- 5. C1210 If CUR12 is present, then CUR10 is required.
- 6. L131415 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7. C1413 If CUR14 is present, then CUR13 is required.
- 8. C1513 If CUR15 is present, then CUR13 is required.
- 9. L161718 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10. C1716 If CUR17 is present, then CUR16 is required.
- 11. C1816 If CUR18 is present, then CUR16 is required.
- 12. L192021 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13. C2019 If CUR20 is present, then CUR19 is required.
- 14. C2119 If CUR21 is present, then CUR19 is required.

REF Reference Identification

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

1/30

Recommended

ΑN

User Option (Usage): Recommended **Purpose:** To specify identifying information

Element Summary:

Ref	<u>ld</u>	Element I	<u>Name</u>	Req	<u>Type</u>	Min/Max	<u>Usage</u>
REF01	128	Reference	e Identification Qualifier	M	ID	2/3	Must use
		Description	on: Code Qualifying the Refere	nce Identif	ication		
		<u>Code</u>	<u>Name</u>				
		AE	Authorization for Expense (AFE) Num	ber		
		CT	Contract Number				
		FU	Fund Code				
		IT	Internal Customer Number				
		MR	Merchandise Type Code				
		PD	Promotion/Deal Number				
		PR	Price Quote Number				
		SB	Sales Region Number				

Description: Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

Syntax Rules:

127

REF02

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

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Reference Identification

CSH Sales Requirements

Pos: 110 Max: 1 Heading - Optional Loop: N/A Elements: 2

User Option (Usage): Used

Purpose: To specify general conditions or requirements of the sale

Element Summary:

Ref	<u>ld</u>	Element N	<u>ame</u>	Req	Type	Min/Max	<u>Usage</u>			
CSH01	563	Sales Req	uirement Code	0	ID	1/2	Used			
		Descriptio	n: Code to identify a specific req	uiremen	nt or agre	ement of sale				
		<u>Code</u>	<u>Name</u>							
		В	Back Order Only If New Item							
		С	Consignment							
		N	No Back Order							
		0	Back Order If Items Are Out of	Back Order If Items Are Out of Stock or Not Yet Published						
		Υ	Back Order if Out of Stock							
		BK	Ship Partial - Balance Back C)rder						
		SC	Ship Complete							
		SP	Ship Partial Balance Cancel							
		SS	Ship Per Schedule							
		SW	Ship Per Release or Buyer A	uthorizat	tion					
CSH06	559	Agency Q	ualifier Code	С	ID	2/2	Used			
		Descriptio	n: Code identifying the agency a	ssigning	g the code	e values				
		<u>Code</u>	<u>Name</u>							

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Syntax Rules:

1. C0203 - If CSH02 is present, then CSH03 is required.

ВΙ

- 2. P0607 If either CSH06 or CSH07 is present, then the other is required.
- 3. P0910 If either CSH09 or CSH10 is present, then the other is required.

Semantics:

- 1. CSH03 is the maximum monetary amount value which the order must not exceed.
- 2. CSH04 is the account number to which the purchase amount is charged.
- 3. CSH05 is the date specified by the sender to be shown on the invoice.
- 4. CSH06 identifies the source of the code value in CSH07.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 120 Repeat: 25 Optional Loop: SAC Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Usage</u>
120	SAC	Service, Promotion, Allowance, or Charge	0	1		Used
		Information				

SAC Service, Promotion, Allowance, or Charge Information

Pos: 120 Max: 1 Heading - Optional Loop: SAC Elements: 6

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref Id SAC01 24		<u>nt Name</u> Ince or Charge Indicator	Req M	Type ID	Min/Max 1/1	<u>Usage</u> Must use			
	Descri	ption: Code which indicates an allow	wance or	charge f	or the service	specified			
	Code A C P	Name Allowance Charge Promotion							
SAC02 13		e, Promotion, Allowance, or e Code	С	ID	4/4	Used			
	Descri	Description: Code identifying the service, promotion, allowance, or charge							
	Code A990 B210 E170 F800	Name Cataloging Services Co-op Credit Labeling Promotional Allowance							
SAC05 61	10 Amou i	nt	0	N2	1/15	Used			
	Descri	ption: Monetary amount							
SAC08 11	8 Rate		0	R	1/9	Used			
	Descri specifie	ption: Rate expressed in the standard	ard mone	tary deno	omination for th	e currency			
SAC09 35	55 Unit o	Basis for Measurement Code	С	ID	2/2	Used			
		ption: Code specifying the units in varies a measurement has been taken	vhich a v	alue is be	eing expressed	, or manner in			
	<u>Code</u> EA UN	<u>Name</u> Each Unit							
SAC10 38	30 Quant i	ty	С	R	1/15	Used			
	Descri	ption: Numeric value of quantity							

Syntax Rules:

- 1. R0203 At least one of SAC02 or SAC03 is required.
- 2. P0304 If either SAC03 or SAC04 is present, then the other is required.
- 3. P0607 If either SAC06 or SAC07 is present, then the other is required.
- 4. P0910 If either SAC09 or SAC10 is present, then the other is required.
- 5. C1110 If SAC11 is present, then SAC10 is required.
- 6. C1413 If SAC14 is present, then SAC13 is required.
- 7. L130204 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

- 1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- 2. SAC05 is the total amount for the service, promotion, allowance, or charge.
- 3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 4. SAC08 is the allowance or charge rate per unit.
- 5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount which is applicable to service, promotion, allowance, or charge.
- SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

- 1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
- 2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" Dollars in SAC09.

DTM Date/Time Reference

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

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref DTM01	<u>ld</u> 374	Element Name Date/Time Qualifier		Req M	Type ID	Min/Max 3/3	<u>Usage</u> Must use
		Description	: Code specifying type of date o	r time, o	or both da	ate and time	
		<u>Code</u>	<u>Name</u>				
		001	Cancel After				
		002	Delivery Requested				
		010	Requested Ship				
		014	Deferred Payment				
		037	Ship Not Before				
		038	Ship No Later				
		077	Requested for Delivery (Week	of)			
		087	Requested for Shipment (Wee	k of)			
		168	Release				
		175	Cancel if not shipped by				
		181	Stop Work (as of)				
		182	Will Advise (as of)				

С

DT

8/8

Must use

Description: Date expressed as CCYYMMDD

Syntax Rules:

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Date

DTM02

- 1. P0607 If either DTM06 or DTM07 is present, then the other is required.
- 2. R020306 At least one of DTM02, DTM03 or DTM06 is required.

Service Characteristic SI Identification

Pos: 185 Max: 2 **Heading - Optional** Loop: N/A Elements: 3

User Option (Usage): Used

Purpose: To specify service characteristic data

Element Summary:

<u>Ref</u> SI01	<u>ld</u> 559	Element Na Agency Qu	<u>ame</u> ıalifier Code	<u>Req</u> M	Type ID	Min/Max 2/2	<u>Usage</u> Must use
		Description	n: Code identifying the agency a	ssigning	the code	e values	
		<u>Code</u> Bl	Name Book Industry Systems Adviso	ory Com	mittee		
SI02	1000	Service Ch	aracteristics Qualifier	М	AN	2/2	Must use
		Description	scription: Code from an industry code list qualifying the type of				characteristics
		Code CR EX	<u>Name</u> Carton Rounding Exact				
SI03	234	Product/Se	ervice ID	М	AN	1/40	Must use
		Description	n: Identifying number for a produ	ict or se	rvice		
		Code	Name_				

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Syntax Rules:

- 1. P0405 If either SI04 or SI05 is present, then the other is required.
- 2. P0607 If either SI06 or SI07 is present, then the other is required.
- 3. P0809 If either SI08 or SI09 is present, then the other is required.
- 4. P1011 If either SI10 or SI11 is present, then the other is required.
- 5. P1213 If either SI12 or SI13 is present, then the other is required.
- 6. P1415 If either SI14 or SI15 is present, then the other is required.
- 7. P1617 If either SI16 or SI17 is present, then the other is required.
- 8. P1819 If either SI18 or SI19 is present, then the other is required.
- 9. P2021 If either SI20 or SI21 is present, then the other is required.

Comments:

1. SI01 defines the source for each of the service characteristics qualifiers.

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240 Max: 12 Heading - Optional Loop: N/A Elements: 3

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Na	<u>me</u>	Req	<u>Type</u>	Min/Max	<u>Usage</u>
TD501	133	Routing Sec	quence Code	0	ID	1/2	Used
		Description	: Code describing the relationsh	nip of a	carrier to	a specific shipi	ment movement
		<u>Code</u> B	Name Origin/Delivery Carrier (Any M	lode)			
TD505	387	Routing		С	AN	1/35	Used
		•	: Free-form description of the roarrier's identity	outing or	requeste	ed routing for sl	nipment, or the
TD512	284	Service Lev	el Code	С	ID	2/2	Used
		Description	: Code indicating the level of tra	ansporta	tion serv	ice or the billing	g service offered

Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier

Code	<u>Name</u>
3D	Three Day Service
G2	Standard Service
ND	Next Day Air
NH	Next Day Hundred Weight
ON	Overnight
SE	Second Day
SG	Standard Ground
SH	Second Day Hundred Weight
SI	Standard Ground Hundred Weight

Syntax Rules:

- 1. R0204050612 At least one of TD502, TD504, TD505, TD506 or TD512 is required.
- 2. C0203 If TD502 is present, then TD503 is required.
- 3. C0708 If TD507 is present, then TD508 is required.
- 4. C1011 If TD510 is present, then TD511 is required.
- 5. C1312 If TD513 is present, then TD512 is required.
- 6. C1413 If TD514 is present, then TD513 is required.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Loop Name

Pos: 300 Repeat: 200 Optional

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>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Usage</u>
300	N1	Name	0	1		Must use
310	N2	Additional Name Information	0	2		Used
320	N3	Address Information	0	2		Used
330	N4	Geographic Location	0	1		Used
340	REF	Reference Identification	0	12		Used
350	PER	Administrative Communications Contact	0	>1		Used

N1 Name

Pos: 300 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Must use

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

Element Summary:

Ref	<u>ld</u>	Element N		Req	<u>Type</u>	Min/Max	<u>Usage</u>	
N101	98	Entity Ide	ntifier Code	M	ID	2/2	Must use	
		Description	Description: Code identifying an organizat			sical location	n, or an individual	
		Code BS BT SF ST VN	Name Bill and Ship To Bill-to-Party Ship From Ship To Vendor					
N102	93	Name	Verteel	С	AN	1/35	Not recommended	
		Description	ription: Free-form name					
N103	66	Identifica	Identification Code Qualifier			1/2	Recommended	
		Description Code (67)	on: Code designating the system	/method	of code s	structure use	ed for Identification	
		Code 1 9 12 15 91 92	Name D-U-N-S Number, Dun & Bradstreet D-U-N-S+4,D-U-N-S Number with Four Character Suffix Telephone Number (Phone) Standard Address Number (SAN) Assigned by Seller or Seller's Agent Assigned by Buyer or Buyer's Agent					
N104	67	Identifica	tion Code	С	AN	2/20	Recommended	
		Description	on: Code identifying a party or otl	her 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.
- 2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

Pos: 310 Max: 2 Heading - Optional Loop: N1 Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
N201	93	Name	М	AN	1/35	Must use
		Description: Free-form name				
N202	93	Name	0	AN	1/35	Used
		Description: Free-form name				

N3 Address Information

Description: Address information

Pos: 320 Max: 2 Heading - Optional Loop: N1 Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	<u>Req</u>	<u>Type</u>	Min/Max	<u>Usage</u>
N301	166	Address Information	М	AN	1/35	Must use
		Description: Address information				
N302	166	Address Information	0	AN	1/35	Used

N4 Geographic Location

Pos: 330 Max: 1 Heading - Optional Loop: N1 Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

Ref	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>
N401	19	City Name	0	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	Ο	ID	2/2	Used
		Description: Code (Standard State/Province	e) as de	fined by	appropriate go	vernment agency
N403	116	Postal Code	0	ID	3/15	Used
		Description: Code defining international post (zip code for United States)	stal zon	e code ex	cluding punct	uation and blanks
N404	26	Country Code	0	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

REF Reference Identification

Pos: 340 Max: 12 Heading - Optional Loop: N1 Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	Type	Min/Max	<u>Usage</u>
REF01	128	Reference Identification Qualifier	М	ID	2/3	Must use

Description: Code Qualifying the Reference Identification

<u>Code</u> <u>Name</u>

CO Customer Order Number
DP Department Number
IT Internal Customer Number

REF02 127 Reference Identification C AN 1/30 Used

Description: Reference information as defined for a particular Transaction Set or as

specified by the Reference Identification Qualifier

Syntax Rules:

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

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 350 Max: >1 Heading - Optional Loop: N1 Elements: 8

User Option (Usage): Used

Purpose: To identify a person or office to whom administrative communications should be directed

Element	Summary:
----------------	-----------------

Element S	lement Summary:								
<u>Ref</u> PER01	<u>ld</u> 366	Element Name Contact Func		Req M	Type ID	Min/Max 2/2	<u>Usage</u> Must use		
		Description: (Code identifying the major duty	or res	ponsibilit	y of the person	or group named		
		DC C	Name Delivery Contact Order Contact Supplier Contact						
PER02	93	Name		0	AN	1/35	Used		
		Description: F	Free-form name						
PER03	365	Communicati	on Number Qualifier	С	ID	2/2	Used		
		Description: Code identifying the type of communication number							
		BN E CP (EM E EX T	Name Beeper Number Cellular Phone Electronic Mail Telephone Extension Facsimile Telephone						
PER04	364	Communication	on Number	С	AN	1/80	Used		
		Description: (Complete communications nun	nber ind	cluding co	ountry or area	code when		
PER05	365	Communicati	on Number Qualifier	С	ID	2/2	Used		
		Description: (Code identifying the type of co	mmunio	ation nu	mber			
		BN E CP (EM E EX FX F	Name Beeper Number Cellular Phone Electronic Mail Telephone Extension Facsimile Telephone						
PER06	364	Communicati	on Number	С	AN	1/80	Used		
		Description: (Complete communications nun	nber ind	cluding co	ountry or area	code when		
PER07	365	Communicati	on Number Qualifier	С	ID	2/2	Used		
			Code identifying the type of co Refer to code list specified in 'I						
		Codo	Namo						

Code Name

BN Beeper Number CP Cellular Phone

EM Electronic Mail
EX Telephone Extension

FX Facsimile TE Telephone

PER08 364 Communication Number C AN 1/80 Used

Description: Complete communications number including country or area code when applicable

Syntax Rules:

- 1. P0304 If either PER03 or PER04 is present, then the other is required.
- 2. P0506 If either PER05 or PER06 is present, then the other is required.
- 3. P0708 If either PER07 or PER08 is present, then the other is required.

Loop Baseline Item Data

Pos: 010

Repeat: 100000

Optional

Loop: PO1 Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

Pos	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Usage</u>
010	PO1	Baseline Item Data	0	1		Must use
020	CUR	Currency	0	1		Not recommended
040	CTP	Pricing Information	0	>1		Used
050		Loop PID	0		1000	Used
090	PO4	Item Physical Details	0	>1		Used
100	REF	Reference Identification	0	>1		Used
130		Loop SAC	0		25	Used
270		Loop ACK	0		104	Must use
310		Loop SCH	0		200	Used

User Note 1:

Normally items are supplied in accordance with standing order processing terms and conditions.

When needed to further amplify or change these procedures or to specifically identify the line item for pricing, the Grade Code is used in the Product/Service ID Qualifier (Standard Code List_235) as 'GC'. (See 'GC code' in Standard Code List_235 under PO106 for example)

Acceptable values for the product or service ID qualifier (PO107 for example) are listed within the 'GC' code value provided in Standard Code List_235

PO1 Baseline Item Data

Pos: 010 Max: 1 Detail - Optional Loop: PO1 Elements: 25

User Option (Usage): Must use

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

Element Summary:

-icilicit (Juillin	aiy.				
Ref	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
PO101	350	Assigned Identification	0	AN	1/20	Recommended
		Description: Alphanumeric characters as	signed fo	r different	iation within a	a transaction set
PO102	330	Quantity Ordered	С	R	1/9	Must use
		Description: Quantity ordered				
PO103	355	Unit or Basis for Measurement Code	0	ID	2/2	Must use
		Description: Code specifying the units in which a measurement has been taken	which a v	alue is b	eing expresse	ed, or manner in
		CodeNameCACaseCTCartonEAEachSTSetUNUnit				
PO104	212	Unit Price	С	R	1/17	Used
		Description: Price per unit of product, ser	vice, com	modity, e	etc.	
PO105	639	Basis of Unit Price Code	0	ID	2/2	Used
		Description: Code identifying the type of User Note 1: Standard Book Industry define				element.
		CodeNameCACatalogCTContract				

	Code	<u>Name</u>					
	CA	Catalog					
	CT	Contract					
	NC	No Charge					
	NT	Net					
	PE	Price per Each					
	PR	Promotion					
	SR Retail/List/Suggested Selling Price						
235	Product/	Service ID Qualifier	С	ID	2/2	Used	

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

<u>Code</u>	<u>Name</u>
B1	Volume Set
B2	Library of Congress Code
B3	Edition Code
B4	Binding Code
B5	Title Code
B6	Author Code
B7	Publisher Code
СВ	Buyer's Catalog Number
EN	European Article Number (EAN) (2-5-5-1)
	User Note 1:

PO106

10011.10

GC User Note 1: When using a qualifier value of GC then data element 234 should be one of the following values: 00 - General Condition New or Used 01 - New Condition Only 02 - Used, Good Condition Only 03 - Used, Good Condition 04 - Used, Any Condition 05 - No Marked Complimentary Copies IA Information Media Type IB International Standard Book Number (ISBN) User Note 1: ISBN-10 RY Record Keeping or Model Year User Note 1: ISBS-10 RY Record Keeping or Model Year User Note 1: ISBS-10 SL Seller's Lot Number UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit UP U.P.C. Consumer Package Code (1-5-5-1) VE vendor Color VN Vendor's (Seller's) Item Number PO107 234 Product/Service ID				ISBN-13					
When using a qualifier value of GC then data element 234 should be one of the following values: 00 - General Condition New or Used 01 - New Condition Only 02 - Used, Good Condition Only 03 - Used, Good Condition 04 - Used, Any Condition 05 - No Marked Complimentary Copies IA Information Media Type IB International Standard Book Number (ISBN) User Note 1: ISBN-10 RY Record Keeping or Model Year User Note 1: BISAC Note: Year of publication SJ. Religious Retail Non-book Item SK Stock Keeping Unit (SKU) SL Seller's Lot Number USER Note 1: UCC/EAN+14 A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digit is the check digit UP U.P.C. Consumer Package Code (1-5-5-1) VE Vendor Color VN Vendor's (Seller's) Item Number PO107 234 Product/Service ID Qualifier C ID 2/2 Used Description: Identifying number for a product or service PO108 235 Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID Qualifier C ID 2/2 Used			GC	Grade Code					
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IA Information Media Type IB International Standard Book Number (ISBN) User Note 1: ISBN-10 RY Record Keeping or Model Year User Note: BISAC Note: Year of publication SJ Religious Retail Non-book Item SK Stock Keeping Unit (SKU) SL Seller's Lot Number UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit, the first digit is the packaging indicator, the next two digits are the number system characters, the next five digit is are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit UP U.P.C. Consumer Package Code (1-5-5-1) VE Vendor Color VN Vendor's (Seller's) Item Number PO107 234 Product/Service ID Qualifier C AN 1/40 Used Description: Identifying number for a product or service PO108 235 Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name B1 Volume Set B2 Library of Congress Code Edition Code				the following values: 00 - General Condition 01 - New Condition Or 02 - Used, Good Cond 03 - Used, Poor Cond 04 - Used, Any Condit	n New nly dition C ition ion	or Used Only		should be one of	
IB International Standard Book Number (ISBN) User Note 1:			1.0	-	oliment	ary Copie.	S		
User Note 1: ISBN-10 RY Record Keeping or Model Year User Note 1: BISAC Note: Year of publication SJ. Religious Retail Non-book Item SK. Stock Keeping Unit (SKU) SL. Seller's Lot Number UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digit is are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit UP U.P.C. Consumer Package Code (1-5-5-1) VE Vendor Color VN Vendor's (Seller's) Item Number PO107 234 Product/Service ID C AN 1/40 Used Description: Identifying number for a product or service PO108 235 Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name B1 Volume Set Library of Congress Code Edition Code					mbor (ICDNI)			
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User Note 1: BISAC Note: Year of publication			RY	Record Keeping or Model Year					
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PO108 235 Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name B1 Volume Set B2 Library of Congress Code B3 Edition Code	PO107	234	Product/Ser	vice ID	С	AN	1/40	Used	
PO108 235 Product/Service ID Qualifier C ID 2/2 Used Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name B1 Volume Set B2 Library of Congress Code B3 Edition Code			Description	: Identifying number for a product	t or ser	vice			
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Product/Service ID (234) Code Name B1 Volume Set B2 Library of Congress Code B3 Edition Code		_00			_				
B1 Volume Set B2 Library of Congress Code B3 Edition Code									
B5 Title Code B6 Author Code B7 Publisher Code CB Buyer's Catalog Number EN European Article Number (EAN) (2-5-5-1)			B1 B2 B3 B4 B5 B6 B7 CB	Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number) (2-5-	5-1)			

	GC	Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition One 02 - Used, Good Condition 03 - Used, Poor Condition 04 - Used, Any Condition 05 - No Marked Compli	New or Used ly ition Only ion on		should be one of
	IA IB	Information Media Type International Standard Book Nun User Note 1: ISBN-10			
	RY	Record Keeping or Model Year User Note 1:			
	SJ SK SL UK	BISAC Note: Year of publication Religious Retail Non-book Item Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Container User Note 1: UCC/EAN-14	Code (1-2-5-5-		
		A 14-digit code that uniquely id- including the packaging indicate packaging indicator, the next two digits are digits are the manufacturer ID number, the the final digit is the check digit	or and check o	ligit; the first di	igit is the ters, the next five
	UP VE VN	U.P.C. Consumer Package Code Vendor Color Vendor's (Seller's) Item Number	e (1-5-5-1)		
PO109 234	Product/Ser	vice ID	C AN	1/40	Used
	Description	: Identifying number for a product	or service		
PO110 235	Product/Sei	vice ID Qualifier	C ID	2/2	Used
	Description Product/Serv	: Code identifying the type/source rice ID (234)	of the descript	ive number us	sed in
	Code B1 B2 B3 B4 B5 B6 B7 CB EN	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN) User Note 1: ISBN-13 Grade Code User Note 1:	(2-5-5-1)		

		When using a qualifier value the following values: 00 - General Conditi 01 - New Condition 02 - Used, Good Co 03 - Used, Poor Cor 04 - Used, Any Cond 05 - No Marked Cor	ion New Only ndition (ndition dition	or Used Only		should be one of	
	IA IB	Information Media Type International Standard Book N User Note 1: ISBN-10	lumber (ISBN)			
	RY	Record Keeping or Model Yea User Note 1: BISAC Note: Year of publica					
	SJ SK SL UK	Religious Retail Non-book Iter Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Contain		(1-2-5-5-	1)		
		User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next					
		digits are the manufacturer ID number the final digit is the check digit		_			
	UP VE VN	U.P.C. Consumer Package C Vendor Color Vendor's (Seller's) Item Numb		-5-1)			
PO111 234	Product/Ser	vice ID	С	AN	1/40	Used	
	Description	: Identifying number for a produ	ıct or seı	vice			
PO112 235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used	
	Description Product/Serv	: Code identifying the type/sour vice ID (234)	ce of the	e descripti	ve number us	ed in	
	Code B1 B2 B3 B4 B5 B6 B7 CB EN	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAUser Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values:			element 234 s	should be one of	

		10	00 - General Condition 01 - New Condition Of 02 - Used, Good Cond 03 - Used, Poor Cond 04 - Used, Any Condit 05 - No Marked Comp	nly dition Oi lition tion	nly		
		IA IB	Information Media Type International Standard Book Nu User Note 1: ISBN-10	ımber (l	SBN)		
		RY	Record Keeping or Model Year User Note 1: BISAC Note: Year of publicati	on			
		SJ SK SL UK	Religious Retail Non-book Item Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Contained		(1-2-5-5-1)		
			User Note 1: UCC/EAN-14 A 14-digit code that uniquely in including the packaging indicator, the next two digits and digits are the manufacturer ID number, the final digit is the check digit	dentifies ator and re the n	s the manu check dig umber sys	ufacturer's ship it; the first digit stem characters	is the
		UP VE VN	U.P.C. Consumer Package Coo Vendor Color Vendor's (Seller's) Item Numbe	·	5-1)		
PO113	234	Product/Ser	vice ID	С	AN	1/40	Used
		Description:	: Identifying number for a produc	t or serv	vice		
PO114	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used
		Description: Product/Serv	: Code identifying the type/source rice ID (234)	e of the	descriptive	e number used	in
		Code B1 B2 B3 B4 B5 B6 B7 CB EN	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code) (2-5-5	-1)		
			U N. c. 4				

01 - New Condition Only

00 - General Condition New or Used

When using a qualifier value of GC then data element 234 should be one of

User Note 1:

the following values:

-- -- -- -- --

		02 - Used, Good Condition Only 03 - Used, Poor Condition 04 - Used, Any Condition 05 - No Marked Complimentary Copies						
		IA	Information Media Type	moma	iy Copico			
		IB	International Standard Book Num	nber (I	SBN)			
			User Note 1: ISBN-10					
		RY	Record Keeping or Model Year					
			User Note 1: BISAC Note: Year of publication	n				
		SJ	Religious Retail Non-book Item					
		SK	Stock Keeping Unit (SKU)					
	SL Seller's Lot Number							
		UK	U.P.C./EAN Shipping Container (User Note 1:	Code ((1-2-5-5-1)			
	UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's shipping un including the packaging indicator and check digit; the first digit is the packaging						is the	
			indicator, the next two digits are digits are	e the n	umber sys	tem characters	, the next five	
			the manufacturer ID number, the second five digits are the item code, a the final digit is the check digit					
		UP	U.P.C. Consumer Package Code	e (1-5-	5-1)			
		VE	Vendor Color	(,			
		VN	Vendor's (Seller's) Item Number					
PO115	234	Product/Ser	vice ID	С	AN	1/40	Used	
		Description	: Identifying number for a product of	or serv	/ice			
PO116	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used	
		Description : Product/Serv	: Code identifying the type/source vice ID (234)	of the	descriptive	e number used	in	
		Code B1 B2 B3 B4 B5 B6 B7 CB	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN) User Note 1: ISBN-13	(2-5-5	-1)			

BISG_x12_5030_855_20091201_Final.ec

GC

00 - General Condition New or Used

01 - New Condition Only 02 - Used, Good Condition Only 03 - Used, Poor Condition

When using a qualifier value of GC then data element 234 should be one of

Grade Code
User Note 1:

the following values:

			04 - Used, Any Cond 05 - No Marked Com		tarv Copie	s				
		IA	Information Media Type		, ,	-				
		IB	International Standard Book N	umber	(ISBN)					
			User Note 1:							
			ISBN-10							
		RY	Record Keeping or Model Year	r						
			User Note 1:							
		C.I	BISAC Note: Year of publicat							
		SJ SK	Religious Retail Non-book Item Stock Keeping Unit (SKU)	l						
		SL	Seller's Lot Number							
		UK	U.P.C./EAN Shipping Containe	er Code	e (1-2-5-5-	1)				
			User Note 1:		. (-,				
			UCC/EAN-14							
			A 14-digit code that uniquely							
			including the packaging indic	ator an	d check d	igit; the first d	igit is the			
			packaging indicator, the next two digits are the number system characters, the next five							
			digits are							
			the manufacturer ID number,	the se	cond five	digits are the i	item code, and			
			the final							
			digit is the check digit							
		UP	U.P.C. Consumer Package Co	de (1-5	5-5-1)					
		VE	Vendor Color							
		VN	Vendor's (Seller's) Item Number	er						
PO117	234	Product/Se	rvice ID	С	AN	1/40	Used			
		Description	: Identifying number for a produc	ct or se	rvice					
PO118	235	Product/Se	rvice ID Qualifier	С	ID	2/2	Used			
			: Code identifying the type/source ID (234)	ce of the	e descripti	ve number us	sed in			
		Code	<u>Name</u>							
		B1	Volume Set							
		B2	Library of Congress Code							
		B3	Edition Code							
		B4	Binding Code							
		B5	Title Code							

В1		volume Set	
B2		Library of Congress Code	
В3		Edition Code	
B4		Binding Code	
B5		Title Code	
B6		Author Code	
B7		Publisher Code	
CB		Buyer's Catalog Number	
EN		European Article Number (EAN) (2-5-5-1)	
		User Note 1:	
		ISBN-13	
GC		Grade Code	
		User Note 1:	
		When using a qualifier value of GC then data element 234 should be one the following values:	of
		00 - General Condition New or Used	
		01 - New Condition Only	
		02 - Used, Good Condition Only	
		03 - Used, Poor Condition	
		04 - Used, Any Condition	
		05 - No Marked Complimentary Copies	
001201	Final oc	\/5030	20

		IA IB	Information Media Type International Standard Book Nu User Note 1: ISBN-10	umber (I	ISBN)		
		RY	Record Keeping or Model Year User Note 1: BISAC Note: Year of publication				
		SJ SK SL UK	Religious Retail Non-book Item Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Containe	l	(1-2-5-5-1)	
			User Note 1: UCC/EAN-14 A 14-digit code that uniquely including the packaging indicator, the next two digits a digits are the manufacturer ID number, the final digit is the check digit	ator and are the i	d check dig number sys	iit; the first o	ligit is the
		UP VE VN	U.P.C. Consumer Package Coo Vendor Color Vendor's (Seller's) Item Number		-5-1)		
PO119	234	Product/Ser	vice ID	С	AN	1/40	Used
		Description	: Identifying number for a produc	t or ser	vice		
PO120	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used
		Description Product/Serv	: Code identifying the type/sourc rice ID (234)	e of the	descriptiv	e number us	sed in
		Eode B1 B2 B3 B4 B5 B6 B7 CB EN	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition Of the Condition Of Of the Condition Of the Cond	of GC th n New (nly dition C	hen data e or Used	lement 234 :	should be one of
		IA IB	05 - No Marked Comp Information Media Type International Standard Book Nu	olimenta			

			User Note 1:				
		RY	ISBN-10 Record Keeping or Model Year				
		13.1	User Note 1:				
			BISAC Note: Year of publicati	on			
		SJ	Religious Retail Non-book Item				
		SK	Stock Keeping Unit (SKU)				
		SL	Seller's Lot Number	. 0	(4.0.5.5.4)		
		UK	U.P.C./EAN Shipping Contained User Note 1:	Code	(1-2-5-5-1)		
			UCC/EAN-14				
		A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the					
			packaging				
			indicator, the next two digits a digits are	re the i	number sys	stem characters,	the next five
			the manufacturer ID number,	the sec	ond five di	gits are the item	code, and
			the final		`	,	,
			digit is the check digit				
		UP	U.P.C. Consumer Package Coo	de (1-5-	-5-1)		
		VE	Vendor Color	_			
DO404	00.4	VN	Vendor's (Seller's) Item Numbe		A B I	4/40	111
PO121	234	Product/Ser		С	AN	1/40	Used
		-	: Identifying number for a produc				
PO122	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<u>Code</u>	<u>Name</u>				
		B1	Volume Set				
		B2 B3	Library of Congress Code				
			Edition Code				
			Edition Code Binding Code				
		B4 B5	Edition Code Binding Code Title Code				
		B4	Binding Code				
		B4 B5 B6 B7	Binding Code Title Code Author Code Publisher Code				
		B4 B5 B6 B7 CB	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number	\	5 4)		
		B4 B5 B6 B7	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN) (2-5-{	5-1)		
		B4 B5 B6 B7 CB	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number) (2-5-5	5-1)		
		B4 B5 B6 B7 CB	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1:) (2-5-{	5-1)		
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1:				
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of			ement 234 shou	ıld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1:	of GC ti	hen data el	ement 234 shou	ıld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition O	of GC ti n New nly	hen data el or Used	ement 234 shou	ıld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition On 02 - Used, Good Condition	of GC ti n New nly dition C	hen data el or Used	ement 234 shou	ıld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition On 02 - Used, Good Condition 03 - Used, Poor Condition 04 - Used, Any Condition	of GC to n New nly dition C ition	hen data el or Used Only	ement 234 shou	ıld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition On 02 - Used, Good Condition 03 - Used, Poor Condition 04 - Used, Any Condition 05 - No Marked Comp	of GC to n New nly dition C ition	hen data el or Used Only	ement 234 shou	ıld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition On 02 - Used, Good Condition 03 - Used, Poor Condition 04 - Used, Any Condition 05 - No Marked Computation	of GC to n New nly dition C lition tion blimenta	hen data el or Used Only ary Copies	ement 234 shou	uld be one of
		B4 B5 B6 B7 CB EN	Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition On 02 - Used, Good Condition 03 - Used, Poor Condition 04 - Used, Any Condition 05 - No Marked Comp	of GC to n New nly dition C lition tion blimenta	hen data el or Used Only ary Copies	ement 234 shou	ıld be one of

ISBN-10

			13BN-10					
		RY	Record Keeping or Model Yea	ar				
			User Note 1:					
			BISAC Note: Year of publica	tion				
		SJ	Religious Retail Non-book Iter	n				
		SK	Stock Keeping Unit (SKU)					
		SL	Seller's Lot Number					
		UK	U.P.C./EAN Shipping Contain	er Code	(1-2-5-5-1)		
			User Note 1:					
			UCC/EAN-14					
			A 14-digit code that uniquely					
			including the packaging indi	cator an	d check di	git; the first (digit is the	
			packaging	ara tha	number o	rotom oboro	otoro, the poyt five	
			indicator, the next two digits digits are	are trie	riurrib e r sy	Sterri Criara	ciers, the next live	
			the manufacturer ID number	the sec	cond five o	ligits are the	item code, and	
			the final	,		.9		
			digit is the check digit					
					5 4\			
		UP	U.P.C. Consumer Package Co	ode (1-5	-5-1)			
		VE	Vendor Color					
		VN	Vendor's (Seller's) Item Numb	er				
PO123	234	Product/Sei	rvice ID	С	AN	1/40	Used	
		Description	: Identifying number for a produ	ict or se	rvice			
PO124	235	Product/Sei	rvice ID Qualifier	С	ID	2/2	Used	
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
				ce of the	e descriptiv	e number u	ised in	
		Product/Serv	vice ID (234)	ce of the	e descriptiv	e number u	ised in	
		Product/Serviced	vice ID (234) Name	ce of the	e descriptiv	re number u	ised in	
		Product/Services Code B1	vice ID (234) Name Volume Set	ce of the	e descriptiv	ve number u	ised in	
		Product/Service Code B1 B2	vice ID (234) Name Volume Set Library of Congress Code	ce of the	e descriptiv	ve number u	ised in	
		Product/Serv Code B1 B2 B3	Name Volume Set Library of Congress Code Edition Code	ce of the	e descriptiv	ve number u	ised in	
		Product/Serv Code B1 B2 B3 B4	vice ID (234) Name Volume Set Library of Congress Code	ce of the	e descriptiv	ve number u	ised in	
		Product/Serv Code B1 B2 B3 B4 B5	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code	ce of the	e descriptiv	ve number u	ised in	
		Product/Serv Code B1 B2 B3 B4 B5 B6	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code	ce of the	e descriptiv	ve number u	ised in	
		Product/Services Code B1 B2 B3 B4 B5 B6 B7	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code	ce of the	e descriptiv	ve number u	ised in	
		Product/Services Code B1 B2 B3 B4 B5 B6 B7 CB	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number			ve number u	ised in	
		Product/Services Code B1 B2 B3 B4 B5 B6 B7	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA			ve number u	ised in	
		Product/Services Code B1 B2 B3 B4 B5 B6 B7 CB	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number			ve number u	ised in	
		Product/Services Code B1 B2 B3 B4 B5 B6 B7 CB	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA			ve number u	ised in	
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13			ve number u	ised in	
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13 Grade Code	N) (2-5-	5-1)			
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAUser Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values:	N) (2-5- of GC t	5-1) hen data e			
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAUser Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Conditi	N) (2-5- of GC to	5-1) hen data e			
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Condition	N) (2-5- of GC to on New Only	5-1) hen data e or Used			
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAUser Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Condition (02 - Used, Good Code)	N) (2-5- of GC to on New Only ndition (5-1) hen data e or Used			
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAUser Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Condition 02 - Used, Good Codo 03 - Used, Poor Core	N) (2-5- of GC to on New Only ndition (5-1) hen data e or Used			
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAUser Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Condition (02 - Used, Good Code)	N) (2-5- of GC to on New Only ndition (adition	5-1) hen data e or Used Only	element 234		
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Conditi 01 - New Condition (02 - Used, Good Co. 03 - Used, Poor Com. 04 - Used, Any Cond	N) (2-5- of GC to on New Only ndition (adition	5-1) hen data e or Used Only	element 234		
		Product/Serv Code B1 B2 B3 B4 B5 B6 B7 CB EN	vice ID (234) Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Conditi 01 - New Condition (0) 02 - Used, Good Co. 03 - Used, Any Condition (0) 05 - No Marked Condition (0) 06 - No Marked Condition (0) 07 - No Marked Condition (0) 08 - No Marked Condition (0) 09 - No Marked Condition (0)	of GC to New Only ndition dition on the only and the only only only only only only only only	5-1) hen data e or Used Only ary Copies	element 234		
		Product/Service Code B1 B2 B3 B4 B5 B6 B7 CB EN GC	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Conditi 01 - New Condition 0 02 - Used, Good Co. 03 - Used, Any Condition Media Type	of GC to New Only ndition dition on the only and the only only only only only only only only	5-1) hen data e or Used Only ary Copies	element 234		
		Product/Service Code B1 B2 B3 B4 B5 B6 B7 CB EN GC	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Buyer's Catalog Number European Article Number (EA User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values: 00 - General Conditi 01 - New Condition of 02 - Used, Good Con 03 - Used, Any Cond 05 - No Marked Con Information Media Type International Standard Book N	of GC to New Only ndition dition on the only and the only only only only only only only only	5-1) hen data e or Used Only ary Copies	element 234		

RY Record Keeping or Model Year User Note 1: BISAC Note: Year of publication SJ Religious Retail Non-book Item SK Stock Keeping Unit (SKU) SL Seller's Lot Number UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) **User Note 1:** UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the indicator, the next two digits are the number system characters, the next five diaits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit UP U.P.C. Consumer Package Code (1-5-5-1) VΕ Vendor Color VN Vendor's (Seller's) Item Number Product/Service ID C 234 ΑN 1/40 Used

Description: Identifying number for a product or service

Syntax Rules:

PO125

- 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.
- 7. P1415 If either PO114 or PO115 is present, then the other is required.
- 8. P1617 If either PO116 or PO117 is present, then the other is required.
 9. P1819 If either PO118 or PO119 is present, then the other is required.
- 10. P2021 If either PO120 or PO121 is present, then the other is required.
- 11. P2223 If either PO122 or PO123 is present, then the other is required.
- 12. P2425 If either PO124 or PO125 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., ISBN No., Model No., or SKU.

User Note 1:

Normally items are supplied in accordance with standing order processing terms and conditions.

When needed to further amplify or change these procedures or to specifically identify the line item for pricing, the Grade Code is used in the Product/Service ID Qualifier (Standard Code List_235) as 'GC'. (See 'GC code' in Standard Code List_235 under PO106 for example)

Acceptable values for the product or service ID qualifier (PO107 for example) are listed within the 'GC' code value provided in Standard Code List 235

CUR Currency

Pos: 020 Max: 1 Detail - Optional Loop: PO1 Elements: 2

User Option (Usage): Not recommended

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

Element Summary:

RefIdElement NameReqTypeMin/MaxUsageCUR0198Entity Identifier CodeMID2/2Must use

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

Code Name

BY Buying Party (Purchaser)

SE Selling Party

CUR02 100 Currency Code M ID 3/3 Must use

Description: Code (Standard ISO) for country in whose currency the charges are specified

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.

2. C0907 - If CUR09 is present, then CUR07 is required.

3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.

4. C1110 - If CUR11 is present, then CUR10 is required.

5. C1210 - If CUR12 is present, then CUR10 is required.

6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.

7. C1413 - If CUR14 is present, then CUR13 is required.

8. C1513 - If CUR15 is present, then CUR13 is required.

9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.

10. C1716 - If CUR17 is present, then CUR16 is required.

11. C1816 - If CUR18 is present, then CUR16 is required.

12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.

13. C2019 - If CUR20 is present, then CUR19 is required.

14. C2119 - If CUR21 is present, then CUR19 is required.

CTP Pricing Information

Pos: 040 Max: >1
Detail - Optional
Loop: PO1 Elements: 6

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

Ref CTP02	<u>ld</u> 236	Element Na Price Ident		Req C	Type ID	Min/Max 3/3	<u>Usage</u> Used	
		Description	n: Code identifying pricing specif	fication				
		Code CAT NET PRP SLP	Name Catalog Price Net Item Price Promotional price Retail/List/Suggested Selling	Price				
CTP03	212	Unit Price		0	R	1/17	Used	
		Description	n: Price per unit of product, serv	ice, con	nmodity, e	etc.		
CTP04	380	Quantity		С	R	1/15	Used	
		Description	n: Numeric value of quantity					
CTP05	C001	Composite	Unit of Measure	С	Comp		Used	
		Description: To identify a composite unit of measure						
CTP05-01	355	Unit or Bas	is for Measurement Code	М	ID	2/2	Must use	
			n: Code specifying the units in wasurement has been taken	hich a v	alue is be	eing expressed	, or manner in	
		<u>Code</u> EA UN	<u>Name</u> Each Unit					
CTP06	648	Price Multi	plier Qualifier	0	ID	3/3	Used	
Description: Code indicating the type of price multiplier User Note 1: The multiplier is used to compute the price after the discount is a multiplier of '.8' reflects a 20% discount.)						is applied (e.g. A		
		<u>Code</u> DIS	<u>Name</u> Discount Multiplier					
CTP07	649	Multiplier		С	R	1/10	Used	
		User Note	n: Value to be used as a multipli 1: The value is a REAL number. of 20% would have a value in th	The va	lue is rep		cimal form.	

Syntax Rules:

- 1. P0405 If either CTP04 or CTP05 is present, then the other is required.
- 2. C0607 If CTP06 is present, then CTP07 is required.
- 3. C0902 If CTP09 is present, then CTP02 is required.
- 4. C1002 If CTP10 is present, then CTP02 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.

2. CTP08 is the rebate amount.

Loop Product/Item Description

Pos: 050 Repeat: 1000 Optional

Loop: PID Elements: N/A

User Option (Usage): Used

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

Loop Summary:

PosIdSegment NameReqMax UseRepeatUsage050PIDProduct/Item DescriptionO1Used

User Note 1:

This segment is primarily used by the library community.

PID Product/Item Description

Pos: 050 Max: 1 Detail - Optional Loop: PID Elements: 5

User Option (Usage): Used

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

Element Summary:

<u>Ref</u> PID01	<u>ld</u> 349	Element Na Item Descr		Req M	<u>Type</u> ID	Min/Max 1/1	<u>Usage</u> Must use
		Description	: Code indicating the format of	a descri _l	otion		
		<u>Code</u> F S	Name Free-form Structured (From Industry Cod	de List)			
PID02	750	Product/Pr	ocess Characteristic Code	0	ID	2/3	Used
	Description: Code identifying the general class of a product or process characteristic					aracteristic	
		<u>Code</u> 08	<u>Name</u> Product				
PID03	559	Agency Qu	alifier Code	С	ID	2/2	Used
		Description: Code identifying the agency assigning the code values					
		<u>Code</u> Bl	Name Book Industry Systems Adviso	ory Com	mittee		
PID04	751	Product De	scription Code	С	AN	1/12	Used
		Description	n: A code from an industry code	list which	h provide	es specific data	about a produc

Description: A code from an industry code list which provides specific data about a product characteristic

Code	<u>Name</u>				
A1	Author (1st 80 characters)				
B1	Volume Set				
B3	Edition code				
B4	Binding code (physical features	s)			
B5	Title code				
B7	Publisher code				
P1	Publisher (1st 80 characters)				
P2	Publisher (81-161 characters)				
A2	Author (81-160 characters)				
B6	Author code				
T1	Title (1st 80 characters)				
T2	Title (81-161 characters)				
T3	Title (161-240 characters)				
Description		С	AN	1/80	Used

Description: A free-form description to clarify the related data elements and their content

User Note 1: This element provides the description for 'PID04'.

Syntax Rules:

PID05

- 1. C0403 If PID04 is present, then PID03 is required.
- 2. R0405 At least one of PID04 or PID05 is required.
- 3. C0703 If PID07 is present, then PID03 is required.
- 4. C0803 If PID08 is present, then PID03 is required.

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Semantics:

- 1. Use PID03 to indicate the organization that publishes the code list being referred to.
- 2. PID04 should be used for industry-specific product description codes.
- 3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
- 4. PID09 is used to identify the language being used in PID05.

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.
- 2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
- 3. PID07 specifies the individual code list of the agency specified in PID03.

User Note 1:

This segment is primarily used by the library community.

PO4 Item Physical Details

Pos: 090 Max: >1 Detail - Optional Loop: PO1 Elements: 13

User Option (Usage): Used

Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Element Summary:

<u>Ref</u> PO401	<u>ld</u> 356	Element Na Pack	<u>ame</u>	Req O	Type N0	Min/Max 1/6	<u>Usage</u> Used
			n: Number of inner pack units pe 1: Carton Quantity	r outer p	oack unit		
PO402	357	Size		С	R	1/8	Used
		Description	n: Size of supplier units in pack				
PO403	355	Unit or Bas	sis for Measurement Code	С	ID	2/2	Used
		•	n: Code specifying the units in wasurement has been taken	hich a v	alue is be	eing expressed,	or manner in
		Code CM IN KG LB OZ	Name Centimeter Inch Kilogram Pound Ounce - Av				
PO404	103	Packaging	Code	С	AN	3/5	Used

Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material

User Note 1: This is a change from 4010 where the code identifying the type of packaging was made up of two distinct parts, in 5030 these are codified as 2 distinct code lists Part 1: Standard Code list 103-1 Packaging Form and Part 2: Standard Code list 103-2 Packaging Material

4010 Example:

CTN25 Carton, corrugated or solid

CTN71 Carton, not otherwise specified (Other data values as mutually agreed upon by trading partners.)

ENV71 Envelope, Not otherwise specified

5030 Example:

Standard Code list 103-1

CTN Carton ENV Envelope

Standard Code list 103-2 25 Corrugated or solid 71 Not otherwise specified

 Code
 Name

 CTN
 Carton

 ENV
 Envelope

 Code
 Name

Corrugated or SolidNot Otherwise Specified

PO405 187 Weight Qualifier O ID 1/2 Used

		Description: Code defining the type of weight						
		<u>Code</u> G	<u>Name</u> Gross Weight					
PO406	384	Gross Weig	ght per Pack	С	R	1/9	Used	
		Description	n: Numeric value of gross weight	per pac	k			
PO407	355	Unit or Bas	is for Measurement Code	С	ID	2/2	Used	
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u> KG LB	<u>Name</u> Kilogram Pound					
PO408	385	Gross Volu	me per Pack	С	R	1/9	Used	
		Description: Numeric value of gross volume per pack						
PO409	355	Unit or Bas	is for Measurement Code	С	ID	2/2	Used	
			n: Code specifying the units in whas une control in what is the control in the co	nich a va	ılue is bein	g expressed, or	manner in	
		<u>Code</u> KG LB UN	Name Kilogram Pound Unit					
PO410	82	Length		С	R	1/8	Used	
		Description upright position	n: Largest horizontal dimension o tion	f an obj	ect measur	ed when the ob	ject is in the	
PO411	189	Width		С	R	1/8	Used	
			n: Shorter measurement of the two	o horizo	ontal dimen	sions measured	d with the	
PO412	65	Height		С	R	1/8	Used	
		Description position	a: Vertical dimension of an object	measu	ed when t	ne object is in th	e upright	
PO413	355	Unit or Bas	is for Measurement Code	С	ID	2/2	Used	
			n: Code specifying the units in whas une taken	nich a va	ılue is bein	g expressed, or	manner in	
		<u>Code</u> CM IN	Name Centimeter Inch					

Syntax Rules:

- 1. P0203 If either PO402 or PO403 is present, then the other is required.
- 2. C0506 If PO405 is present, then PO406 is required.
- 3. P0607 If either PO406 or PO407 is present, then the other is required.
- 4. P0809 If either PO408 or PO409 is present, then the other is required.
- 5. C1013 If PO410 is present, then PO413 is required.
- 6. C1113 If PO411 is present, then PO413 is required.
- 7. C1213 If PO412 is present, then PO413 is required.
- 8. L13101112 If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
- 9. C1716 If PO417 is present, then PO416 is required.
- 10. C1804 If PO418 is present, then PO404 is required.

Semantics:

- 1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
- 2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
- 3. PO417 is the ending package identifier in a range of identifiers.
- 4. PO418 is the number of packages in this layer.

Comments:

- 1. PO403 The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
- 2. PO413 defines the unit of measure for PO410, PO411, and PO412.

REF Reference Identification

Pos: 100 Max: >1
Detail - Optional
Loop: PO1 Elements: 2

Used

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

Ref REF01	<u>ld</u> 128	Reference	<u>Name</u> e Identification Qualifier	<u>Req</u> M	Type ID	<u>Min/Max</u> 2/3	<u>Usage</u> Must use
		Description	on: Code Qualifying the Reference	ce Identif	ication		
		Code	Name	CC) Num	hor		
		AE	Authorization for Expense (A				
		CR	Customer Reference Number	r			
		FU	Fund Code				
		MR	Merchandise Type Code				
		PD	Promotion/Deal Number				
		SB	Sales Region Number				

Description: Reference information as defined for a particular Transaction Set or as

С

ΑN

1/30

specified by the Reference Identification Qualifier

Syntax Rules:

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REF02

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

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Reference Identification

Loop Service, Promotion, Allowance, or Charge Information

Pos: 130 Repeat: 25 Optional Loop: SAC Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	Req	Max Use	Repeat	<u>Usage</u>
130	SAC	Service, Promotion, Allowance, or Charge	0	1		Used
		Information				

SAC Service, Promotion, Allowance, or Charge Information

Pos: 130 Max: 1 Detail - Optional Loop: SAC Elements: 6

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref SAC01	<u>ld</u> 248	Element Na Allowance	<u>me</u> or Charge Indicator	<u>Req</u> M	Type ID	Min/Max 1/1	<u>Usage</u> Must use	
		Description	: Code which indicates an allow	wance or	charge f	or the service s	specified	
		Code A C N P	Name Allowance Charge No Allowance or Charge Promotion					
SAC02	1300	Service, Pro Charge Coo	omotion, Allowance, or le	С	ID	4/4	Used	
		Description: Code identifying the service, promotion, allowance, or charge						
		Code A990 B210 E170 F800	Name Cataloging Services Co-op Credit Labeling Promotional Allowance					
SAC05	610	Amount		0	N2	1/15	Used	
		Description	: Monetary amount					
SAC08	118	Rate		0	R	1/9	Used	
		Description specified	: Rate expressed in the standa	ird mone	tary deno	omination for th	e currency	
SAC09	355	Unit or Bas	is for Measurement Code	С	ID	2/2	Used	
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u> EA UN	<u>Name</u> Each Unit					
SAC10	380	Quantity		С	R	1/15	Used	
		Description	: Numeric value of quantity					

Syntax Rules:

- 1. R0203 At least one of SAC02 or SAC03 is required.
- 2. P0304 If either SAC03 or SAC04 is present, then the other is required.
- 3. P0607 If either SAC06 or SAC07 is present, then the other is required.
- 4. P0910 If either SAC09 or SAC10 is present, then the other is required.
- 5. C1110 If SAC11 is present, then SAC10 is required.
- 6. C1413 If SAC14 is present, then SAC13 is required.
- 7. L130204 If SAC13 is present, then at least one of SAC02 or SAC04 is required.

Semantics:

- 1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
- 2. SAC05 is the total amount for the service, promotion, allowance, or charge.
- 3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
- 4. SAC08 is the allowance or charge rate per unit.
- 5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
- 6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount which is applicable to service, promotion, allowance, or charge.
- SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
- 8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:

- 1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction with SAC03 to further define SAC02.
- 2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" Dollars in SAC09.

Loop Line Item Acknowledgment

Pos: 270 Repeat: 104 Optional

Loop: ACK Elements: N/A

User Option (Usage): Must use

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Usage</u>
270	ACK	Line Item Acknowledgment	0	1		Must use
280	DTM	Date/Time Reference	0	1		Used

ACK Line Item Acknowledgment

Pos: 270 Max: 1 Detail - Optional Loop: ACK Elements: 29

User Option (Usage): Must use

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Element	Summary:
----------------	-----------------

=iement a	Summa	ary:						
<u>Ref</u> ACK01	<u>ld</u> 668	Element Na Line Item S		Req M	Type ID	Min/Max 2/2	<u>Usage</u> Must use	
		Descriptior buyer	: Code specifying the action tal	ken by th	e seller (on a line item r	equested by the	
		<u>Code</u> IA IQ IR	Name Item Accepted Item Accepted - Quantity Cha Item Rejected	inged				
ACK02	380	Quantity		С	R	1/15	Used	
		Description	Description: Numeric value of quantity					
ACK03	355	Unit or Bas	is for Measurement Code	С	ID	2/2	Used	
			a: Code specifying the units in wasurement has been taken	hich a v	alue is be	eing expressed	, or manner in	
		<u>Code</u> EA ST UN	Name Each Set Unit					
ACK04	374	Date/Time	Qualifier	0	ID	3/3	Used	
Description: Code specifying type of date or time, or both date and time								
		Code 018 067 068 100 169 175	Name Available/Constructive Placement Current Schedule Delivery Current Schedule Ship No Shipping Schedule Established as of Product Availability Date Cancel if not shipped by					
ACK05	373	Date		С	DT	6/6	Used	
		Description	: Date (YYMMDD)					
ACK06	326	Request Re	eference Number	0	AN	1/45	Used	
			n: Reference number or RFQ nury (additional reference number					
ACK07	235	Product/Se	rvice ID Qualifier	С	ID	2/2	Used	
		-	a: Code identifying the type/sour vice ID (234)	rce of the	e descrip	tive number us	ed in	
		<u>Code</u> B1 B2 B3	Name Volume Set Library of Congress Code Edition Code					

B4

Binding Code

		B5 B6 B7 CB EN	Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN	J) (2-5-F	1)				
		LIN	User Note 1: ISBN-13	(Z-J-C	<i>-</i> 1 <i>)</i>				
		GC	Grade Code User Note 1: When using a qualifier value of the following values: 00 - General Condition 01 - New Condition Of the Condition Of	n New o Inly dition O dition ition	or Used Inly		should be one of		
		IA	05 - No Marked Comp Information Media Type	olimenta	ary Copies				
		IB	Internation Media Type International Standard Book Number (ISBN)						
			User Note 1: ISBN-10	Ì	·				
		RY	Record Keeping or Model Year	•					
			User Note 1: BISAC Note: Year of publicat.	ion					
		SJ	Religious Retail Non-book Item						
		SK	Stock Keeping Unit (SKU)						
		SL UK	Seller's Lot Number		/4 O = = 4	`			
			U.P.C./EAN Shipping Containe User Note 1: UCC/EAN-14 A 14-digit code that uniquely including the packaging indicator, the next two digits a digits are the manufacturer ID number, the final digit is the check digit	identifie ator and are the r	s the man I check dig number sy ond five d	ufacturer's s git; the first c	ligit is the sters, the next five		
		UP VE VN	U.P.C. Consumer Package Co- Vendor Color Vendor's (Seller's) Item Number		5-1)				
ACK08	234	Product/Se		C	AN	1/40	Used		
7101100	201		: Identifying number for a produc			17 10	0000		
ACK09	235		rvice ID Qualifier	C	ID	2/2	Used		
Nono	200		: Code identifying the type/sourc						
		Code B1 B2 B3 B4 B5 B6	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code						

		B7 CB	Publisher Code Buyer's Catalog Number				
		EN	European Article Number (EAN)) (2-5-5	-1)		
			User Note 1: ISBN-13				
		GC	Grade Code				
			User Note 1:				
			When using a qualifier value of	of GC th	en data el	lement 234 shou	ıld be one of
			the following values: 00 - General Condition	n New d	or Used		
			01 - New Condition O		, 0000		
			02 - Used, Good Cond		nly		
			03 - Used, Poor Cond 04 - Used, Any Condit				
			05 - No Marked Comp		ry Copies		
		IA	Information Media Type				
		IB	International Standard Book Nu	mber (I	SBN)		
			User Note 1: ISBN-10				
		RY	Record Keeping or Model Year				
		131	User Note 1:				
			BISAC Note: Year of publication	on			
		SJ	Religious Retail Non-book Item				
		SK	Stock Keeping Unit (SKU)				
	SL Seller's Lot Number UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)						
		UK	User Note 1:	Code	(1-2-3-3-1)		
			UCC/EAN-14				
			A 14-digit code that uniquely identifies the manufacturer's shipping unit,				
			including the packaging indicator and check digit; the first digit is the packaging				
			indicator, the next two digits are the number system characters, the next five				
			digits are	the see	and five di	aita ara tha itam	and and
			the manufacturer ID number, the final	iie sec	ona nve ai	gits are trie iterri	coue, and
			digit is the check digit				
		UP	U.P.C. Consumer Package Coo	le (1-5-	5-1)		
		VE	Vendor Color	`	,		
		VN	Vendor's (Seller's) Item Number	r			
ACK10	234	Product/Sei		С	AN	1/40	Used
		Description	: Identifying number for a product	t or serv	/ice		
ACK11	235	Product/Sei	rvice ID Qualifier	С	ID	2/2	Used
		Description Product/Serv	: Code identifying the type/source vice ID (234)	e of the	descriptive	e number used i	n
		<u>Code</u>	<u>Name</u>				
		B1	Volume Set				
		B2	Library of Congress Code				
		B3 B4	Edition Code Binding Code				
		B5	Title Code				
		B6	Author Code				
		B7	Publisher Code				
		СВ	Buyer's Catalog Number				

		EN	European Article Number (EAN User Note 1: ISBN-13	l) (2-5-5	5-1)		
		GC	Grade Code				
		GC	User Note 1:				
			When using a qualifier value of the following values: 00 - General Conditio 01 - New Condition O 02 - Used, Good Con 03 - Used, Poor Cond 04 - Used, Any Condi 05 - No Marked Comp	n New o nly dition O lition tion	or Used Only	ement 234 shou	ald be one of
		IA	Information Media Type		,		
		IB	International Standard Book Nu	ımber (ISBN)		
			User Note 1: ISBN-10				
		RY	Record Keeping or Model Year				
			User Note 1:				
		C.I	BISAC Note: Year of publication				
		SJ SK	Religious Retail Non-book Item Stock Keeping Unit (SKU)				
		SL	Seller's Lot Number				
		UK	U.P.C./EAN Shipping Containe	r Code	(1-2-5-5-1)		
			User Note 1:				
			UCC/EAN-14 A 14-digit code that uniquely	identifie	s the manu	ıfacturer's shinn	ina unit
			including the packaging indica				
			packaging	ro tho i	numbor ovo	tom oborootoro	the port five
			indicator, the next two digits a digits are	iie iiie i	iuiiibei sys	terri Griaracters,	the next live
			the manufacturer ID number,	the sec	ond five dig	gits are the item	code, and
			the final digit is the check digit				
			angu sa asa asaas angu				
		UP	U.P.C. Consumer Package Cod	de (1-5-	5-1)		
		VE	Vendor Color	JC (1-0-	J-1)		
		VN	Vendor's (Seller's) Item Numbe	r			
ACK12	234	Product/Ser	vice ID	С	AN	1/40	Used
		Description	: Identifying number for a produc	t or ser	vice		
ACK13	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used
		Description Product/Serv	: Code identifying the type/sourc vice ID (234)	e of the	descriptive	number used i	n
		<u>Code</u>	<u>Name</u>				
		B1	Volume Set				
		B2	Library of Congress Code				
		B3 B4	Edition Code Binding Code				
		B5	Title Code				
		B6	Author Code				
		B7	Publisher Code				
		CB	Buyer's Catalog Number	n (a =	- 43		
		EN	European Article Number (EAN	I) (2-5-5	5-1)		
			User Note 1:				

10.011.10

			ISBN-13					
		GC	Grade Code					
			User Note 1:					
			When using a qualifier value of the following values: 00 - General Conditio 01 - New Condition O 02 - Used, Good Con 03 - Used, Poor Cond 04 - Used, Any Condi	n New o nly dition O lition tion	or Used Only		hould be one of	
			05 - No Marked Comp	olimenta	ary Copies			
		IA	Information Media Type					
		IB	International Standard Book Nu User Note 1:	ımber (ı	ISBIN)			
			ISBN-10					
		RY	Record Keeping or Model Year					
			User Note 1: BISAC Note: Year of publication					
		SJ	Religious Retail Non-book Item					
		SK	Stock Keeping Unit (SKU)					
		SL	Seller's Lot Number					
		UK	U.P.C./EAN Shipping Containe	r Code	(1-2-5-5-1)		
			User Note 1:					
UCC/EAN-14 A 14-digit code that uniquely including the packaging indicates packaging indicator, the next two digits a digits are					d check dig number sy	git; the first di	git is the ers, the next five	
			the manufacturer ID number, the final digit is the check digit	the sec	ond five d	igits are the it	em code, and	
		UP VE VN	U.P.C. Consumer Package Coo Vendor Color Vendor's (Seller's) Item Numbe	•	-5-1)			
ACK14	234	Product/Ser	,	С	AN	1/40	Used	
ACK14	234		ldentifying number for a produc	_		1/40	Oseu	
ACK15	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used	
	_00							
		Product/Serv	Code identifying the type/sourc ice ID (234)	e or the	aescriptiv	e number us	ea in	
		Eode B1 B2 B3 B4 B5 B6 B7 CB	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13	l) (2-5-5	5-1)			

		GC	Grade Code			
		00	User Note 1:			
			When using a qualifier value of GC the following values: 00 - General Condition New 01 - New Condition Only 02 - Used, Good Condition	or Used	lement 234 sho	ould be one of
			03 - Used, Poor Condition 04 - Used, Any Condition 05 - No Marked Compliment			
		IA	Information Media Type	ary copiec		
		IB	International Standard Book Number User Note 1: ISBN-10	(ISBN)		
		RY	Record Keeping or Model Year			
			User Note 1: BISAC Note: Year of publication			
		SJ SK	Religious Retail Non-book Item Stock Keeping Unit (SKU)			
		SL	Seller's Lot Number		_	
		UK	U.P.C./EAN Shipping Container Code	(1-2-5-5-1)	
			User Note 1: UCC/EAN-14			
			A 14-digit code that uniquely identifi	es the man	ufacturer's ship	ping unit,
			including the packaging indicator an	d check dig	git; the first digit	is the
			packaging indicator, the next two digits are the	number sy	stem character	s, the next five
			digits are	_		
			the manufacturer ID number, the se the final digit is the check digit	cond five di	igits are the itei	n code, and
		UP	U.P.C. Consumer Package Code (1-5	5-5-1)		
		VE	Vendor Color	,		
		VN	Vendor's (Seller's) Item Number			
ACK16	234	Product/Se	rvice ID C	AN	1/40	Used
		Description	: Identifying number for a product or se	rvice		
ACK17	235	Product/Se	rvice ID Qualifier C	ID	2/2	Used
			: Code identifying the type/source of th vice ID (234)	e descriptiv	e number used	in
		<u>Code</u>	<u>Name</u>			
		B1	Volume Set			
		B2	Library of Congress Code			
		B3	Edition Code			
		B4 B5	Binding Code			
		В5 В6	Title Code Author Code			
		B7	Publisher Code			
		СВ	Buyer's Catalog Number			
		EN	European Article Number (EAN) (2-5-	5-1)		
			User Note 1: ISBN-13			
		GC	Grade Code			
			User Note 1:			

the following values: 00 - General Co 01 - New Condii 02 - Used, Good	a.ao o, oo u	nen data	element 234 s	should be one of
03 - Used, Poor 04 - Used, Any 0 05 - No Marked	tion Only d Condition C Condition Condition	or Used Inly		
User Note 1:	ok Number (ISBN)		
Record Keeping or Model User Note 1:				
Religious Retail Non-bool Stock Keeping Unit (SKU) Seller's Lot Number	k Item)	(1-2-5-5-	1)	
including the packaging packaging	indicator and	d check d	igit; the first di	igit is the
digits are the manufacturer ID nur the final digit is the check digit	mber, the sec	ond five (digits are the i	tem code, and
Vendor Color		5-1)		
/Service ID	С	AN	1/40	Used
ion: Identifying number for a p	roduct or ser	vice		
Service ID Qualifier	С	ID	2/2	Used
tion: Code identifying the type/ Service ID (234)	source of the	descripti	ve number us	ed in
Name Volume Set Library of Congress Code Edition Code	,			
•	User Note 1: ISBN-10 Record Keeping or Model User Note 1: BISAC Note: Year of pu Religious Retail Non-book Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Cor User Note 1: UCC/EAN-14 A 14-digit code that unic including the packaging packaging indicator, the next two of digits are the manufacturer ID nur the final digit is the check digit U.P.C. Consumer Packag Vendor Color Vendor's (Seller's) Item N Service ID ion: Identifying number for a p Service ID Qualifier ion: Code identifying the type/ Service ID (234) Name	User Note 1: ISBN-10 Record Keeping or Model Year User Note 1: BISAC Note: Year of publication Religious Retail Non-book Item Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Container Code User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifier including the packaging indicator and packaging indicator, the next two digits are the ordigits are the manufacturer ID number, the sect the final digit is the check digit U.P.C. Consumer Package Code (1-5- Vendor Color Vendor's (Seller's) Item Number Service ID C ion: Identifying number for a product or ser Service ID Qualifier C ion: Code identifying the type/source of the Service ID (234) Name	ISBN-10 Record Keeping or Model Year User Note 1: BISAC Note: Year of publication Religious Retail Non-book Item Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Container Code (1-2-5-5- User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifies the maincluding the packaging indicator and check of packaging indicator, the next two digits are the number sidigits are the manufacturer ID number, the second five of the final digit is the check digit U.P.C. Consumer Package Code (1-5-5-1) Vendor Color Vendor's (Seller's) Item Number Service ID C AN ion: Identifying number for a product or service Service ID Qualifier C ID ion: Code identifying the type/source of the description: Code identifying the type/source of the description: Name	User Note 1: ISBN-10 Record Keeping or Model Year User Note 1: BISAC Note: Year of publication Religious Retail Non-book Item Stock Keeping Unit (SKU) Seller's Lot Number U.P.C./EAN Shipping Container Code (1-2-5-5-1) User Note 1: UCC/EAN-14 A 14-digit code that uniquely identifies the manufacturer's sincluding the packaging indicator and check digit; the first dipackaging indicator, the next two digits are the number system charact digits are the manufacturer ID number, the second five digits are the final digit is the check digit U.P.C. Consumer Package Code (1-5-5-1) Vendor Color Vendor's (Seller's) Item Number Service ID C AN 1/40 ion: Identifying number for a product or service Service ID Qualifier C ID 2/2 ion: Code identifying the type/source of the descriptive number us Service ID (234) Name

			00 - General Condition 01 - New Condition C 02 - Used, Good Con 03 - Used, Poor Cond 04 - Used, Any Cond 05 - No Marked Com	Only Idition C dition ition	Only		
		IA	Information Media Type				
		IB	International Standard Book No. User Note 1: ISBN-10	umber (ISBN)		
		RY	Record Keeping or Model Year User Note 1:				
		C I	BISAC Note: Year of publicat				
		SJ SK	Religious Retail Non-book Item Stock Keeping Unit (SKU)	1			
		SL	Seller's Lot Number				
		UK	U.P.C./EAN Shipping Contained	er Code	(1-2-5-5-1)	1	
		0.1	User Note 1:	, ocac	(. 200.		
			UCC/EAN-14 A 14-digit code that uniquely including the packaging indicator, the next two digits a	ator an	d check dig	it; the first d	ligit is the
			digits are the manufacturer ID number, the final digit is the check digit	the sec	cond five di	gits are the l	item code, and
		UP VE VN	U.P.C. Consumer Package Co Vendor Color Vendor's (Seller's) Item Number	•	-5-1)		
ACK20	234	Product/Ser	vice ID	С	AN	1/40	Used
		Description:	: Identifying number for a produc	ct or ser	vice		
ACK21	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used
		Description: Product/Serv	: Code identifying the type/sourc rice ID (234)	e of the	e descriptiv	e number us	sed in
		Code B1 B2 B3 B4 B5 B6 B7 CB EN	Name Volume Set Library of Congress Code Edition Code Binding Code Title Code Author Code Publisher Code Buyer's Catalog Number European Article Number (EAN User Note 1: ISBN-13 Grade Code User Note 1: When using a qualifier value the following values:	, ,	,	lement 234 s	should be one of
			00 - General Condition	n New	or Used		

00 - General Condition New or Used 01 - New Condition Only

			02 - Used, Good (03 - Used, Poor C 04 - Used, Any Co 05 - No Marked C	Condition Ondition		S	
		IA	Information Media Type		,		
		IB	International Standard Book	k Number (ISBN)		
			User Note 1: ISBN-10				
		RY	Record Keeping or Model Y	'ear			
			User Note 1: BISAC Note: Year of publ	ication			
		SJ	Religious Retail Non-book I	tem			
		SK	Stock Keeping Unit (SKU)				
		SL UK	Seller's Lot Number	sinar Cada	/1 O E E :	1\	
		UK	U.P.C./EAN Shipping Conta User Note 1:	amer Code	(1-2-5-5-	1)	
			UCC/EAN-14				
			A 14-digit code that uniquincluding the packaging in				
			indicator, the next two dig	its are the	number s	/stem charac	ters, the next five
			digits are				
			the manufacturer ID numb the final	per, the sec	cond five o	digits are the	item code, and
			digit is the check digit				
		UP	LLD C. Canariman Daakana	Ondo (4.5	F 4\		
		VE	U.P.C. Consumer Package Vendor Color	Code (1-5	-5-1)		
		VN	Vendor's (Seller's) Item Nur	mber			
ACK22	234	Product/Ser	·	С	AN	1/40	Used
		Description:	Identifying number for a pro	duct or ser	vice		
ACK23	235	Product/Ser	vice ID Qualifier	С	ID	2/2	Used
		Description: Product/Serv	Code identifying the type/so ice ID (234)	ource of the	descripti	ve number us	sed in
		<u>Code</u>	<u>Name</u>				
		B1	Volume Set				
		B2	Library of Congress Code				
		B3	Edition Code				
		B4	Binding Code				
		B5	Title Code				
		B6 B7	Author Code Publisher Code				
		CB	Buyer's Catalog Number				
		EN	European Article Number (EAN) (2-5-!	5-1)		
			User Note 1:	, (= 3 (- ·,		
			ISBN-13				
		GC	Grade Code				
			Harris Maria 4				

00 - General Condition New or Used

01 - New Condition Only 02 - Used, Good Condition Only 03 - Used, Poor Condition

When using a qualifier value of GC then data element 234 should be one of

User Note 1:

the following values:

			04 - Used, Any Cond 05 - No Marked Con		tary Conie	.s		
		IA	Information Media Type	фштот	ary Copic	•		
		IB	International Standard Book N	lumber	(ISBN)			
			User Note 1:		` '			
			ISBN-10					
		RY	Record Keeping or Model Yea	ır				
			User Note 1:					
			BISAC Note: Year of publica					
		SJ	Religious Retail Non-book Iter	n				
		SK	Stock Keeping Unit (SKU)					
		SL UK	Seller's Lot Number U.P.C./EAN Shipping Contain	or Codo	(1255	1)		
		OK	User Note 1:	ei Code	; (1-2-5-5-	1)		
			UCC/EAN-14					
			A 14-digit code that uniquely	identifi	es the ma	nufacturer's s	hipping unit,	
			including the packaging indicator and check digit; the first digit is the					
			packaging indicator, the next two digits are the number system characters, the next five					
			digits are					
			the manufacturer ID number, the second five digits are the item code, and					
			the final			_		
			digit is the check digit					
		UP	U.P.C. Consumer Package Co	ode (1-5	5-5-1)			
		VE	Vendor Color	`	,			
		VN	Vendor's (Seller's) Item Numb	er				
ACK24	234	Product/Se	ervice ID	С	AN	1/40	Used	
		Description	n: Identifying number for a produ	ct or se	rvice			
ACK25	235	Product/Se	rvice ID Qualifier	С	ID	2/2	Used	
			n: Code identifying the type/sour vice ID (234)	ce of the	e descript	ive number us	sed in	
		Code	<u>Name</u>					
		B1	Volume Set					
		B2	Library of Congress Code					
		B3	Edition Code					
		B4	Binding Code					
		B5	Title Code					

ВТ	volume Set
B2	Library of Congress Code
B3	Edition Code
B4	Binding Code
B5	Title Code
B6	Author Code
B7	Publisher Code
СВ	Buyer's Catalog Number
EN	European Article Number (EAN) (2-5-5-1)
	User Note 1:
	ISBN-13
GC	Grade Code
	User Note 1:
	When using a qualifier value of GC then data element 234 should be one of
	the following values:
	00 - General Condition New or Used
	01 - New Condition Only 02 - Used, Good Condition Only
	03 - Used, Poor Condition
	04 - Used, Any Condition
	05 - No Marked Complimentary Copies
0004004 Final	\/F030

		IA IB	Information Media Type International Standard Book N User Note 1:	lumber ((ISBN)				
		RY	ISBN-10 Record Keeping or Model Yea	ır.					
		ΝI	User Note 1:	u					
			BISAC Note: Year of publica						
		SJ	Religious Retail Non-book Iter	n					
		SK SL	Stock Keeping Unit (SKU) Seller's Lot Number						
		UK	U.P.C./EAN Shipping Contain	er Code	(1-2-5-5-1)			
			User Note 1: UCC/EAN-14		`	,			
			A 14-digit code that uniquely including the packaging indic						
			packaging indicator, the next two digits are the number system characters, the next five in the control of the						
				digits are the manufacturer ID number, the second five digits are the item code, and					
			digit is the check digit						
		UP	U.P.C. Consumer Package Co	nde (1-5	-5-1)				
		VE	Vendor Color	Juc (1 0	J 1)				
		VN	Vendor's (Seller's) Item Numb	er					
ACK26	234	Product/Se	rvice ID	С	AN	1/40	Used		
		Description: Identifying number for a product or service							
ACK27	559	Agency Qua	alifier Code	С	ID	2/2	Used		
		Description	: Code identifying the agency as	ssigning	the code v	values			
		<u>Code</u> Bl	Name Book Industry Systems Advisor	ory Com	mittee				
ACK28	822	Source Sub	-qualifier	С	AN	1/15	Used		
		Description	: A reference that indicates the	table or	text mainta	ained by the S	ource Qualifier		
ACK29	1271	Industry Co	de	С	AN	1/30	Used		
		Description	: Code indicating a code from a	specific	industry c	ode list			
		Code	<u>Name</u>						
		AC	Item Accepted and Shipping (
		AH	Available for Shipping - Credit	-		•			
		AN AO	Available: Shipping - new editi Available: Shipping From Othe			3)			
		AR	Item Accepted: Released for s)			
		AS	Available: Shipping - same ISI			•			
		AX	Available : Shipping - free boo						
		BA BB	Backordered: Not yet available Backordered: Reprint under co			Shipped)			
		BC	Backordered: Current edition (Shipped)				h(Not		
		BD	Backordered: Delay in publica	tion (No	t Shipped)				
		BH	Backordered: On hold (Not Sh						
		BI	Backordered: To be reissued			tooktokina (Na	t Chinnod)		
		BN	Backordered: Inventory in pro-	gress, Cl	iosea ior si	locklaking (NO	u onippea)		

ВО	Backordered: At customer's request (Not Shipped)
BP	Item Accepted: partial shipment; balance backordered (Shipping)
BR	Backordered: To be Reprinted (Not Shipped)
BW	Backordered: Waiting for catalog/processing (Not Shipped)
BX	Backordered: Not yet published (Not Shipped)
CA	Cancelled: Not yet available (Not Shipped)
СВ	Cancelled: Not our publication (Not Shipped)
CC	Cancelled - Customer Request (Not Shipped)
CD	Cancelled: Customer Request (Not Shipped) Cancelled: Delay in publication (Not Shipped)
CE	Cancelled: Order partially filled and shipped;
CF	Cancelled: Current edition not available (Not Shipped)
CG	Cancelled: No geographic rights, e.g. Canadian (Not Shipped)
CH	Cancelled: Rights no longer ours (Not Shipped)
CI	Cancelled: To be reissued (Not Shipped)
CJ	Cancelled: Out of print in cloth; available in paper - reorder (Not Shipped)
CL	Cancelled: Out of print in paper; available in cloth - reorder (Not Shipped)
CM	Item accepted: shipment complete with additional quantity
CN	Cancelled: Inventory in progress; closed for stocktaking (Not Shipped)
CO	Cancelled: Out of stock (Not Shipped)
CP	Cancelled: Price Variance Exceeded (Not Shipped)
CR	Cancelled: To be Reprinted (Not Shipped)
CT	Cancelled: Publisher did not respond by your cancellation date (Not Shipped)
CU	Cancelled: Kits not available (Not Shipped)
CV	Cancelled: Complete set volume must be purchased (Not Shipped)
CW	Cancelled: Apply direct; not available through wholesale channels (Not
CVV	Shipped)
CX	Cancelled: Never published (Not Shipped)
CY	Cancelled: Not available as a processed book (Not Shipped)
IA	
	Item Accepted (Shipping)
IB	Item Backordered (Not Shipped)
IG	Item Forwarded to Proper Source/Publisher
IP	Item accepted: Price changed (Shipping)
IR	Item rejected (Not Shipped)
IS	Item accepted: Substitution made (Shipping)
KC	Cancelled: Reprint under consideration (Not Shipped)
KH	Cancelled: Credit Hold (Not Shipped)
KK	Cancelled: ISBN incorrect/unknown (Not Shipped)
KM	Cancelled: Market for this title is restricted (Not Shipped)
KP	Cancelled: Out of print (Not Shipped)
KR	Cancelled: Title Remaindered (Not Shipped)
KS	Cancelled: book sold by subscription only (Not Shipped)
MB	Managed Title Backordered (Not Shipped)
MC	Managed Title Cancelled (Not Shipped)
OP	Out of print (Not Shipped)
WI	Billed & Shipped Separately - Non-Returnable
CQ	Cancelled: Did not meet minimum order requirements
OQ	Canonica. Dia not meet minimum order requirements

Syntax Rules:

- 1. P0203 If either ACK02 or ACK03 is present, then the other is required.
- 2. C0405 If ACK04 is present, then ACK05 is required.
- 3. P0708 If either ACK07 or ACK08 is present, then the other is required.
- 4. P0910 If either ACK09 or ACK10 is present, then the other is required.
- 5. P1112 If either ACK11 or ACK12 is present, then the other is required.
- 6. P1314 If either ACK13 or ACK14 is present, then the other is required.
- 7. P1516 If either ACK15 or ACK16 is present, then the other is required.

- 8. P1718 If either ACK17 or ACK18 is present, then the other is required.
- 9. P1920 If either ACK19 or ACK20 is present, then the other is required.
- 10. P2122 If either ACK21 or ACK22 is present, then the other is required.
- 11. P2324 If either ACK23 or ACK24 is present, then the other is required.
- 12. P2526 If either ACK25 or ACK26 is present, then the other is required.
- 13. P2728 If either ACK27 or ACK28 is present, then the other is required.
- 14. C282729 If ACK28 is present, then ACK27 and ACK29 are required.

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

DTM Date/Time Reference

Pos: 280 Max: 1
Detail - Optional
Loop: ACK Elements: 2

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

Ref	<u>ld</u>	Element Name	<u>Req</u>	Type	Min/Max	<u>Usage</u>
DTM01	374	Date/Time Qualifier	М	ID	3/3	Must use

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

<u>Code</u> <u>Name</u>

018 Available/Constructive Placement

175 Cancel if not shipped by

DTM02 373 **Date** C DT 8/8 Must use

Description: Date specified as CCYYMMDD

Syntax Rules:

1. P0607 - If either DTM06 or DTM07 is present, then the other is required.

2. R020306 - At least one of DTM02, DTM03 or DTM06 is required.

Loop Line Item Schedule

Pos: 310 Repeat: 200 Optional

Loop: SCH Elements: N/A

User Option (Usage): Used

Purpose: To specify the data for scheduling a specific line-item

Loop Summary:

<u>Pos</u>	<u>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Usage</u>
310	SCH	Line Item Schedule	0	1		Used

SCH Line Item Schedule

Pos: 310 Max: 1 Detail - Optional Loop: SCH Elements: 7

User Option (Usage): Used

Purpose: To specify the data for scheduling a specific line-item

Element Summary:

Ref SCH01	<u>ld</u> 380	Element Na Quantity Description	n: Numeric value of quantity	Req M	Type R	Min/Max 1/15	<u>Usage</u> Must use		
			1: Shippable quantity from PO1						
SCH02	355	Unit or Bas	is for Measurement Code	М	ID	2/2	Must use		
			Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u> EA ST UN	Name Each Set Unit						
SCH03	98	Entity Ident	tifier Code	0	ID	2/2	Used		
		Description	: Code identifying an organization	onal ent	tity, a phy	sical location,	or an individual		
		Code DC SF SP WH	Name Destination Carrier Ship From Party filling Shipper's Order Warehouse						
SCH04	93	Name		С	AN	1/35	Used		
		Description	: Free-form name						
SCH05	374	Date/Time (Qualifier	М	ID	3/3	Must use		
	Description: Code specifying type of date or time, or both date and time								
		Code 018 067 068 080 100 169 175	Name Available/Constructive Placem Current Schedule Delivery Current Schedule Ship Scheduled for Shipment (After No Shipping Schedule Establis Product Availability Date Cancel if not shipped by	and In					
SCH06	373	Date		М	DT	8/8	Must use		
		Description	: Date expressed as CCYYMMI	DD					
SCH11	326	Request Re	eference Number	0	AN	1/45	Used		
		set and que number)	n: Reference number or RFQ number or (additional reference number of the control	or desc	ription wh	nich can be use	ed with contract		

Syntax Rules:

- 1. C0304 If SCH03 is present, then SCH04 is required.
- 2. L080910 If SCH08 is present, then at least one of SCH09 or SCH10 is required.

- 3. C0908 If SCH09 is present, then SCH08 is required.
- 4. C1008 If SCH10 is present, then SCH08 is required.

Semantics:

1. SCH12 is the schedule identification.

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Loop Transaction Totals

Pos: 010 Repeat: 1 Optional

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>ld</u>	Segment Name	<u>Req</u>	Max Use	Repeat	<u>Usage</u>
010	CTT	Transaction Totals	0	1		Must use

CTT Transaction Totals

Pos: 010 Max: 1 Summary - Optional Loop: CTT Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use
		Description: Total number of line items in	the trans	action se	et	
CTT02	347	Hash Total	0	R	1/10	Used

Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------ 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

Syntax Rules:

- 1. P0304 If either CTT03 or CTT04 is present, then the other is required.
- 2. P0506 If either CTT05 or CTT06 is present, then the other is required.

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>ld</u>	Element Name	Req	<u>Type</u>	Min/Max	<u>Usage</u>
SE01	96	Number of Included Segments	М	N0	1/10	Must use
		Description: Total number of segments is segments	ncluded in	a transa	ction set includ	ding ST and SE
SE02	329	Transaction Set Control Number	М	AN	4/9	Must use
		Description: Identifying control number the functional group assigned by the originate				saction set

Comments:

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