

Indigo

Indigo Books & Music Inc. - Trade Drop Ship

X12/V4010/832 : 832 Price/Sales Catalog

Version: 1 Final

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832 Price/Sales Catalog

Functional Group=SC

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Price/Sales Catalog Transaction Set (832) 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 furnishing or requesting the price of goods or services in the form of a catalog.

Not Defined:

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BCT	Beginning Segment for Price/Sales Catalog	M	1			Must use

<u>LOOP ID - N1</u>					<u>Repeat</u>	<u>Usage</u>
150	N1	Name	M	1	≥1	Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - LIN</u>					<u>Repeat</u>		
					≥1		
010	LIN	Item Identification	M	1			Must use
015	G53	Maintenance Type	O	1		N2/015	Used
030	DTM	Date/Time Reference	M	10			Must use
040	REF	Reference Identification	O	>1			Used
070	PID	Product/Item Description	M	200			Must use
<u>LOOP ID - CTP</u>					<u>Repeat</u>		
					100		
170	CTP	Pricing Information	M	1			Must use
200	CUR	Currency	O	5			Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		N3/010	Must use
020	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/015 If BCT10 is used and G5301 is used, then the G5301 takes precedence.
- 3/010 Number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction.

ISA Interchange Control Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Authorization Information All valid standard codes are used. (Total Codes: 7)						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Security Information All valid standard codes are used. (Total Codes: 2)						
ISA04	I04	Security Information	M	AN	10/10	Must use
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified All valid standard codes are used. (Total Codes: 38)						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Code List Summary (Total Codes: 38, Included: 1) Code Name ZZ Mutually Defined						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them User Note 1: INDIGOTRADEDS						
ISA09	I08	Interchange Date	M	DT	6/6	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		All valid standard codes are used. (Total Codes: 1)				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		Code List Summary (Total Codes: 14, Included: 4)				
		Code Name				
		00307 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996				
		00400 Standard Issued as ANSI X12.5-1997				
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
		00402 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1998				
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)				
		All valid standard codes are used. (Total Codes: 2)				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		All valid standard codes are used. (Total Codes: 3)				
ISA16	I15	Component Element Separator	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

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

User Option (Usage): Must use

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

Element Summary:

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

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 240, Included: 1)

Code Name

SC Price/Sales Catalog (832)

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

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

User Note 1: INDIGOTRADEDS

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

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

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

GS07	455	Responsible Agency Code	M	ID	1/2	Must use
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Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

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

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

Code List Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

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

Comments:

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

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

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

Description: Code uniquely identifying a Transaction Set

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

<u>Code</u>	<u>Name</u>
832	Price/Sales Catalog

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).

BCT Beginning Segment for Price/Sales Catalog

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

User Option (Usage): Must use

Purpose: To indicate the beginning of the Price/Sales Catalog Transaction Set and specify catalog purpose and number information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BCT01	683	Catalog Purpose Code	M	ID	2/2	Must use
		Description: Code indicating purpose of catalog				
		Code List Summary (Total Codes: 5, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		PC	Price Catalog			
BCT02	684	Catalog Number	M	AN	1/15	Must use
		Description: Identifying number for catalog or superseded catalog				
BCT03	685	Catalog Version Number	M	AN	1/15	Must use
		Description: Identifying version number of catalog or superseded catalog				
BCT09	352	Description	M	AN	1/80	Must use
		Description: A free-form description to clarify the related data elements and their content				
BCT10	353	Transaction Set Purpose Code	M	ID	2/2	Must use
		Description: Code identifying purpose of transaction set				
		Code List Summary (Total Codes: 65, Included: 3)				
		<u>Code</u>	<u>Name</u>			
		00	Original			
		02	Add			
		04	Change			

Loop Name

Pos: 150	Repeat: >1
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

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

N1 Name

Pos: 150	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

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

Element Summary:

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

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

Code List Summary (Total Codes: 1312, Included: 1)

Code Name

VN Vendor

N102	93	Name	X	AN	1/60	Must use
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Description: Free-form name

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

User Note 1:

92 used for INDIGO Assigned Vendor Number

Code List Summary (Total Codes: 215, Included: 2)

Code Name

15 Standard Address Number (SAN)

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Must use
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Description: Code identifying a party or other code

Syntax Rules:

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

Comments:

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

Loop Item Identification

Pos: 010	Repeat: >1
Mandatory	
Loop: LIN	Elements: N/A

User Option (Usage): Must use

Purpose: To specify basic item identification data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	LIN	Item Identification	M	1		Must use
015	G53	Maintenance Type	O	1		Used
030	DTM	Date/Time Reference	M	10		Must use
040	REF	Reference Identification	O	>1		Used
070	PID	Product/Item Description	M	200		Must use
170		Loop CTP	M		100	Must use

LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 7

User Option (Usage): Must use

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	M	AN	1/20	Must use
		Description: Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 477, Included: 4)				
		Code Name				
		EN	European Article Number (EAN) (2-5-5-1)			
		IB	International Standard Book Number (ISBN)			
		UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)			
		UP	U.P.C. Consumer Package Code (1-5-5-1)			
LIN03	234	Product/Service ID	X	AN	1/48	Must use
		Description: Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		Code List Summary (Total Codes: 477, Included: 1)				
		Code Name				
		IS	International Standard Serial Number (ISSN)			
LIN05	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN06	235	Product/Service ID Qualifier	O	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1:				
		<i>"BI" is used to represent the BIPAD number (The middle 5 digits of the magazine barcode. It is the permanent identification of the the magazine throughout its retail life.)</i>				
		Code List Summary (Total Codes: 477, Included: 1)				
		Code Name				
		BI	Rear Axle Rear Non Driven Serial Number			
LIN07	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

G53 Maintenance Type

Pos: 015	Max: 1
Detail - Optional	
Loop: LIN	Elements: 1

User Option (Usage): Used

Purpose: To identify the specific type of item maintenance

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G5301	875	Maintenance Type Code	M	ID	3/3	Must use

Description: Code identifying the specific type of item maintenance

Code List Summary (Total Codes: 103, Included: 4)

<u>Code</u>	<u>Name</u>
001	Change
002	Delete
003	Add Full Item Detail
PRI	Price Change Only

User Note 1:

If BCT_10 is used and G53_01 is used, then the G53_01 takes precedence

DTM Date/Time Reference

Pos: 030	Max: 10
Detail - Mandatory	
Loop: LIN	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

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

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

Code List Summary (Total Codes: 1112, Included: 1)

Code Name

043 Publication

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

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

REF Reference Identification

Pos: 040	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

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

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 1)

Code Name

QQ Unit Number

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

User Note 1:

REF_02 is used to indicate one of the following Magazine Categories:

Category Description

- 01 ARTS - Art General
- 02 AUTOMOTIVE - 4x4
- 03 AUTOMOTIVE - Auto General - Industry & Review
- 04 AUTOMOTIVE - Auto Import & Collectable
- 05 AUTOMOTIVE - Auto Lifestyle & Custom
- 06 AUTOMOTIVE - Muscle Cars
- 07 AUTOMOTIVE - Racing
- 08 BUSINESS - Business Entrepreneur
- 09 BUSINESS - Business General
- 10 BUSINESS - Business Investing
- 11 COMPUTING - Computer Programing
- 12 COMPUTING - Gaming
- 13 COMPUTING - General Computing
- 14 CRAFTS & HOBBIES - Hobbies - Collectables
- 15 CRAFTS & HOBBIES - Knitting/Beading/Sewing
- 16 CRAFTS & HOBBIES - Quilting/CrossStitching
- 17 CURRENT EVENTS/AFFAIRS - Hot and New - Trendy
- 18 CURRENT EVENTS/AFFAIRS - Weeklies
- 19 DIGITAL LIFESTYLE - Photography
- 20 FOOD & DRINK - Drink
- 21 FOOD & DRINK - Food
- 22 HISTORY-GEOGRAPHY - History & Geography
- 23 HOME - Architecture/Design
- 24 HOME - WoodWorking
- 25 HOME - Gardening
- 26 HOME - Home & Style
- 27 TEEN/KIDS - Kids

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
28		TEEN/KIDS - Pets				
29		TEEN/KIDS - Teen				
30		MEN'S INTEREST - Men's General				
31		MEN'S INTEREST - Men's Health				
32		MISC - International Magazines				
33		MISC - International Travel				
34		MISC - North American Travel				
35		MUSIC - Music Hip Hop/Heavy Metal				
36		MUSIC - Music Instruments				
37		MUSIC - Music Mainstream				
38		POP CULTURE - Entertainment -TV				
39		POP CULTURE - Literary/Political				
40		POP CULTURE - Tattooing/Cannibis				
41		PUZZLES - Puzzles				
42		SCIENCE & NATURE - Science & Nature				
43		SPORTS - Bicycling				
44		SPORTS - Football/Soccer				
45		SPORTS - Golf/Running/Tennis				
46		SPORTS - Hockey/Wrestling				
47		SPORTS - Skateboarding/BMXing				
48		SPORTS - Sports General				
49		TRANSPORTATION - Boating				
50		TRANSPORTATION - Fishing/Hunting				
51		TRANSPORTATION - Motorcycle - Dirt & Harley				
52		TRANSPORTATION - Motorcycle - General				
53		TRANSPORTATION - Planes/Trains				
54		TRANSPORTATION - Watersports				
55		WOMEN'S INTEREST - Beauty				
56		WOMEN'S INTEREST - Bridal				
57		WOMEN'S INTEREST - Pregnancy/Parenting				
58		WOMEN'S INTEREST - Women's Alternative Health				
59		WOMEN'S INTEREST - Women's Fashion				
60		WOMEN'S INTEREST - Women's General				
61		WOMEN'S INTEREST - Women's Health & Fitness				

Syntax Rules:

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

PID Product/Item Description

Pos: 070	Max: 200
Detail - Mandatory	
Loop: LIN	Elements: 2

User Option (Usage): Must use

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

Element Summary:

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

Description: Code indicating the format of a description

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

Code Name

F Free-form

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

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

Comments:

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

Loop Pricing Information

Pos: 170	Repeat: 100
Mandatory	
Loop: CTP	Elements: N/A

User Option (Usage): Must use

Purpose: To specify pricing information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
170	CTP	Pricing Information	M	1		Must use
200	CUR	Currency	O	5		Used

CTP Pricing Information

Pos: 170	Max: 1
Detail - Mandatory	
Loop: CTP	Elements: 4

User Option (Usage): Must use

Purpose: To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP02	236	Price Identifier Code	M	ID	3/3	Must use

Description: Code identifying pricing specification

User Note 1: *If CTP_02 = SLP, CTP_06 and CTP_07 are required*

Code List Summary (Total Codes: 164, Included: 2)

Code Name

RTL Retail

UCP Unit cost price

CTP03	212	Unit Price	M	R	1/17	Must use
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Description: Price per unit of product, service, commodity, etc.

CTP06	648	Price Multiplier Qualifier	C	ID	3/3	Must use
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Description: Code indicating the type of price multiplier

Code List Summary (Total Codes: 6, Included: 1)

Code Name

DIS Discount Multiplier

CTP07	649	Multiplier	C	R	1/10	Must use
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Description: Value to be used as a multiplier to obtain a new value

Syntax Rules:

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

Semantics:

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

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

CUR Currency

Pos: 200	Max: 5
Detail - Optional	
Loop: CTP	Elements: 2

User Option (Usage): Used

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

Element Summary:

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

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

Code List Summary (Total Codes: 1312, Included: 1)

Code Name

SE Selling Party

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

User Note 1:

The following codes may be used:

CAD = Canada

USD = US

GBP = Great Britain

EUR = Europe

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	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>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

CTT02	347	Hash Total	M	R	1/10	Must use
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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.

Comments:

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

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

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