

Kmart Scan Based Trade Product Activity Data

EDI Document 852 Version 4010

VERSION: 2.0 FINAL

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852**Product Activity Data****Functional Group=PD**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a distributor, warehouse, or retailer to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets. The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

Notes:

- 2/080 The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
- 3/010 The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set. When sending item and activity data in the LIN loop, the CTT segment is required.

Segments:

<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			Used
	GS	Functional Group Header	M	1			Used

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	XQ	Reporting Date/Action	M	1			Must use
040	N9	Reference Identification	O	>1			Used

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>
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<u>LOOP ID - LIN</u>			<u>999999</u>				
010	LIN	Item Identification	O	1			Used
<u>LOOP ID - ZA</u>			<u>>1</u>				
080	ZA	Product Activity Reporting	M	1		N2/080	Must use
100	CTP	Pricing Information	O	25			Used
110	SDQ	Destination Quantity	O	>1			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	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Must use

Segments:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max</u> <u>Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Used
	IEA	Interchange Control Trailer	M	1			Used

ISA Interchange Control Header

Pos:	Max: 1
Loop: N/A	Elements: 16

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

Segment Example:

ISA*01*9254290000*01*PASSWORD*12*8106435626*12*6167752781*991231*0303*U*00400*000000047*0*T

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 Description: Code to identify the type of information in the Authorization Information	M	ID	2/2	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00</td><td>No Authorization Information Present (No Meaningful Information in I02)</td></tr><tr><td>01</td><td>UCS Communications ID</td></tr></table>	<u>Code</u>	<u>Name</u>	00	No Authorization Information Present (No Meaningful Information in I02)	01	UCS Communications ID				
<u>Code</u>	<u>Name</u>											
00	No Authorization Information Present (No Meaningful Information in I02)											
01	UCS Communications ID											
ISA02	I02	Authorization Information 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) Kmart Use: UCS Comm ID or spaces.	M	AN	10/10	Must use						
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information	M	ID	2/2	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00</td><td>No Security Information Present (No Meaningful Information in I04)</td></tr><tr><td>01</td><td>Password</td></tr></table>	<u>Code</u>	<u>Name</u>	00	No Security Information Present (No Meaningful Information in I04)	01	Password				
<u>Code</u>	<u>Name</u>											
00	No Security Information Present (No Meaningful Information in I04)											
01	Password											
ISA04	I04	Security Information 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) Kmart Use: Mutually defined password provided by receiving company, or spaces.	M	AN	10/10	Must use						
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Kmart Use: Mutually defined qualifier provided by sender.	M	ID	2/2	Must use						
ISA06	I06	Interchange Sender ID 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 Kmart Use: Mutually defined sender ID provided by sender.	M	AN	15/15	Must use						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must						

SF852sbtKmartUse.rtf408/06/04

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Kmart Use: <i>Mutually defined qualifier provided by receiving company.</i>				use						
ISA08	I07	Interchange Receiver ID 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 Kmart Use: <i>Mutually defined receiver ID provided by receiving company.</i>	M	AN	15/15	Must use						
ISA09	I08	Interchange Date Description: Date of the interchange Kmart Use: <i>Creation system date (YYMMDD format).</i>	M	DT	6/6	Must use						
ISA10	I09	Interchange Time Description: Time of the interchange Kmart Use: <i>Creation system time (HHMM format).</i>	M	TM	4/4	Must use						
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M	ID	1/1	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>U</td><td>U.S. EDI Community of ASC X12, TDCC, and UCS</td></tr></table>	<u>Code</u>	<u>Name</u>	U	U.S. EDI Community of ASC X12, TDCC, and UCS						
<u>Code</u>	<u>Name</u>											
U	U.S. EDI Community of ASC X12, TDCC, and UCS											
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments	M	ID	5/5	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00400</td><td>Standard Issued as ANSI X12.5-1997</td></tr></table>	<u>Code</u>	<u>Name</u>	00400	Standard Issued as ANSI X12.5-1997						
<u>Code</u>	<u>Name</u>											
00400	Standard Issued as ANSI X12.5-1997											
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender Kmart Use: <i>Unique number assigned by Kmart starting at '000000001' and incremented by 1 for each following transmission.</i>	M	N0	9/9	Must use						
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>0</td><td>No Acknowledgment Requested</td></tr></table>	<u>Code</u>	<u>Name</u>	0	No Acknowledgment Requested						
<u>Code</u>	<u>Name</u>											
0	No Acknowledgment Requested											
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information	M	ID	1/1	Must use						
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>P</td><td>Production Data (Mutual Agreement)</td></tr><tr><td>T</td><td>Test Data (To Start)</td></tr></table>	<u>Code</u>	<u>Name</u>	P	Production Data (Mutual Agreement)	T	Test Data (To Start)				
<u>Code</u>	<u>Name</u>											
P	Production Data (Mutual Agreement)											
T	Test Data (To Start)											

08/06/04		Product Activity Data - 852				
<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA16	I15	Component Element Separator 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 Kmart Use: <i>Mutually defined (recommended value is '>').</i>	M		1/1	Must use

GS**Functional Group Header**

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

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

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.

Segment Example:

GS*PD*8106435626*083947569*19991231*0210*47*X*004010

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 Description: Code identifying a group of application related transaction sets	M	ID	2/2	Must use				
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>PD</td><td>Product Activity Data (852)</td></tr></table>	<u>Code</u>	<u>Name</u>	PD	Product Activity Data (852)				
<u>Code</u>	<u>Name</u>									
PD	Product Activity Data (852)									
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners Kmart Use: <i>Mutually defined sender ID provided by sending company.</i>	M	AN	2/15	Must use				
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners Kmart Use: <i>Mutually defined receiver ID provided by receiving company.</i>	M	AN	2/15	Must use				
GS04	373	Date Description: Date expressed as CCYYMMDD Kmart Use: <i>Date of data creation (CCYYMMDD format).</i>	M	DT	8/8	Must use				
GS05	337	Time 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) Kmart Use: <i>Time of data creation (HHMM eastern std time).</i>	M	TM	4/8	Must use				
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender Kmart Use: <i>Will be incremented by 1 for each subsequent PD.</i>	M	N0	1/9	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>				
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard	M	ID	1/2	Must use				
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>X</td><td>Accredited Standards Committee X12</td></tr></table>	<u>Code</u>	<u>Name</u>	X	Accredited Standards Committee X12				
<u>Code</u>	<u>Name</u>									
X	Accredited Standards Committee X12									
GS08	480	Version / Release / Industry Identifier Code 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	M	AN	1/12	Must use				
		<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>004010</td><td>Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997</td></tr></table>	<u>Code</u>	<u>Name</u>	004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				
<u>Code</u>	<u>Name</u>									
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997									

ST

Transaction Set Header

Pos: 010

Max: 1

Heading - Mandatory

Loop: N/A

Elements: 2

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

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).

Segment Example:

ST*852*000000001

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										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>852</td><td>Product Activity Data</td></tr></table>							<u>Code</u>	<u>Name</u>	852	Product Activity Data
<u>Code</u>	<u>Name</u>									
852	Product Activity Data									
ST02	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										
Kmart Use: Control number incremented by 1 for each subsequent transaction set (852).										

XQ

Reporting Date/Action

Pos: 020

Max: 1

Heading - Mandatory

Loop: N/A

Elements: 2

To specify reporting date and action to be taken

Semantics:

- 1. XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.

Segment Example:

XQ*H*19991228

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
XQ01	305	Transaction Handling Code	M	ID	1/2	Must use
		Description: Code designating the action to be taken by all parties				
		<div><div>Code</div><div>Name</div></div>				
		H Notification Only				
XQ02	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
		Kmart Use: Reporting date (CCYYMMDD format).				

N9

Reference Identification

Pos: 040

Max: >1

Heading - Optional

Loop: N/A

Elements: 2

To transmit identifying information as specified by the Reference Identification Qualifier

Syntax:

- 1. N902 R0203 -- At least one of N902 or N903 is required.
- 2. N906 C0605 -- If N906 is present, then N905 is required

Semantics:

- 1. N906 reflects the time zone which the time reflects.
- 2. N907 contains data relating to the value cited in N902.

Segment Example:

N9*AD*47392754732

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
<div><div></div><div></div><div></div></div> <div><div>Code</div><div>Name</div></div> <div>AD - Acceptable Source DUNS Number</div>						
N902	127	Reference Identification	C	AN	1/30	Used
<div>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</div> <div>Kmart Use: Unique number for this Scan Based Trade Vendor assigned by Kmart.</div>						

LIN

Item Identification

Pos: 010

Max: 1

Detail - Optional

Loop: LIN

Elements: 14

To specify basic item identification data

Syntax:

- 1. LIN04 P0405 -- If either LIN04 or LIN05 are present, then the others are required.
- 2. LIN06 P0607 -- If either LIN06 or LIN07 are present, then the others are required.
- 3. LIN08 P0809 -- If either LIN08 or LIN09 are present, then the others are required.
- 4. LIN10 P1011 -- If either LIN10 or LIN11 are present, then the others are required.
- 5. LIN12 P1213 -- If either LIN12 or LIN13 are present, then the others are required.
- 6. LIN14 P1415 -- If either LIN14 or LIN15 are present, then the others are required.
- 7. LIN16 P1617 -- If either LIN16 or LIN17 are present, then the others are required.
- 8. LIN18 P1819 -- If either LIN18 or LIN19 are present, then the others are required.
- 9. LIN20 P2021 -- If either LIN20 or LIN21 are present, then the others are required.
- 10. LIN22 P2223 -- If either LIN22 or LIN23 are present, then the others are required.
- 11. LIN24 P2425 -- If either LIN24 or LIN25 are present, then the others are required.
- 12. LIN26 P2627 -- If either LIN26 or LIN27 are present, then the others are required.
- 13. LIN28 P2829 -- If either LIN28 or LIN29 are present, then the others are required.
- 14. LIN30 P3031 -- If either LIN30 or LIN31 are present, then the others are 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.

Segment Example:

LIN**CB*673015167*ZZ*067*UP*123899911888***MO*2*DG*6*VS*54321

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <div><div><div>Code</div><div>Name</div></div><div>CBBuyer's Catalog Number</div></div>	M	ID	2/2	Must use
LIN03	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: Kmart MOPS number (9 bytes). Format is '0SSSSSSCS' where 'SSSSSS' is the base item number and 'CS' is the color/size number.	M	AN	1/48	Must use
LIN04	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u> <u>Name</u>				
		ZZ Mutually Defined				
LIN05	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: <i>Kmart department number.</i>	C	AN	1/48	Used
LIN06	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		EN European Article Number (EAN) (2-5-5-1)				
		EO European Article Number (EAN/UCC-8)				
		UP U.P.C. Consumer Package Code (1-5-5-1)				
LIN07	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: <i>EN (13 bytes).</i> <i>EO (8 bytes).</i> <i>UPC number (12 bytes).</i>	C	AN	1/48	Used
LIN08	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Kmart Use: <i>Not available at this time. For future consideration.</i>	C	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		VN Vendor's (Seller's) Item Number				
LIN09	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: <i>Vendor item number.</i> <i>Not available at this time. For future consideration.</i>	C	AN	1/48	Used
LIN10	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		MO Movement Type Code				
LIN11	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: <i>Sales type code.</i> <i>Valid codes:</i> <i>0 = Sale</i> <i>1 = Layaway</i> <i>2 = Layaway Return</i> <i>3 = Return</i>	C	AN	1/48	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
LIN12	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>DG</td><td>Discount Grouping</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	DG	Discount Grouping	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
DG	Discount Grouping									
LIN13	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: <i>Price type code.</i> <i>Valid codes:</i> <i>B = Cents off</i> <i>0 = Non-scan</i> <i>1 = Regular</i> <i>2 = Competitive</i> <i>3 = Advertised/Promo</i> <i>4 = Blue Light</i> <i>5 = Over ride</i> <i>6 = Percent off</i> <i>7 = Advertised/Coupon</i> <i>8 = Rain check</i> <i>9 = Mark down</i>	C	AN	1/48	Used				
LIN14	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) <table><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>VS</td><td>Vendor's Supplemental Item Number</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	VS	Vendor's Supplemental Item Number	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
VS	Vendor's Supplemental Item Number									
LIN15	234	Product/Service ID Description: Identifying number for a product or service Kmart Use: <i>Up to five digit UPC extension.</i>	C	AN	1/48	Used				

ZA

Product Activity Reporting

Pos: 080

Max: 1

Detail - Mandatory

Loop: ZA

Elements: 3

To provide activity details concerning product being reported

Syntax:

- 1. ZA02 P0203 -- If either ZA02 or ZA03 are present, then the others are required.
- 2. ZA04 P0405 -- If either ZA04 or ZA05 are present, then the others are required.
- 3. ZA06 P0607 -- If either ZA06 or ZA07 are present, then the others are required.

Semantics:

- 1. ZA08 determines if the product activity code in ZA01 refers to a product that is categorized as In-bond merchandise. A "Y" indicates that the activity code applies to a product that is In-bond; an "N" indicates that the activity code does not refer to a product that is In-bond.

Segment Example:

ZA*QS***006*20010915

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ZA01	859	Activity Code Description: Code identifying activity details for the product being reported	M	ID	2/2	Must use
		<div><div>Code</div><div>Name</div></div> <div>QSQuantity Sold</div>				
ZA04	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	C	ID	3/3	Used
		<div><div>Code</div><div>Name</div></div> <div>006Sold</div>				
ZA05	373	Date Description: Date expressed as CCYYMMDD Kmart Use: Kmart actual sales date.	C	DT	8/8	Used

CTP

Pricing Information

Pos: 100

Max: 25

Detail - Optional

Loop: ZA

Elements: 2

To specify pricing information

Syntax:

- 1. CTP04 P0405 -- If either CTP04 or CTP05 are present, then the others are required.
- 2. CTP06 C0607 -- If CTP06 is present, then CTP07 is required
- 3. CTP09 C0902 -- If CTP09 is present, then CTP02 is required
- 4. CTP10 C1002 -- If CTP10 is present, then CTP02 is required
- 5. CTP11 C1103 -- If CTP11 is present, then CTP03 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.

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.

Segment Example:

CTP**UCP*19.8

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP02	236	Price Identifier Code	C	ID	3/3	Used
		Description: Code identifying pricing specification				
		<table><thead><tr><th>Code</th><th>Name</th></tr></thead><tbody><tr><td>UCP</td><td>Unit cost price</td></tr></tbody></table>				
Code	Name					
UCP	Unit cost price					
CTP03	212	Unit Price	C	R	1/17	Used
		Description: Price per unit of product, service, commodity, etc.				
		Kmart Use: <i>Kmart cost.</i>				

SDQ Destination Quantity

Pos: 110	Max: >1
Detail - Optional	
Loop: ZA	Elements: 22

To specify destination and quantity detail

Syntax:

- 1. SDQ05 P0506 -- If either SDQ05 or SDQ06 are present, then the others are required.
- 2. SDQ07 P0708 -- If either SDQ07 or SDQ08 are present, then the others are required.
- 3. SDQ09 P0910 -- If either SDQ09 or SDQ10 are present, then the others are required.
- 4. SDQ11 P1112 -- If either SDQ11 or SDQ12 are present, then the others are required.
- 5. SDQ13 P1314 -- If either SDQ13 or SDQ14 are present, then the others are required.
- 6. SDQ15 P1516 -- If either SDQ15 or SDQ16 are present, then the others are required.
- 7. SDQ17 P1718 -- If either SDQ17 or SDQ18 are present, then the others are required.
- 8. SDQ19 P1920 -- If either SDQ19 or SDQ20 are present, then the others are required.
- 9. SDQ21 P2122 -- If either SDQ21 or SDQ22 are present, then the others are required.

Semantics:

- 1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

- 1. SDQ02 is used only if different than previously defined in the transaction set.
- 2. SDQ03 is the store number.
- 3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Segment Example:

SDQ*EA*ZZ*3000*1234*3001*1235*3002*3928*3003*402*3004*2*3005*16134*3006*22*3007*4218*3008*90753*3009*31

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>				
SDQ01	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use				
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>EA</td><td>Each</td></tr></table>							<u>Code</u>	<u>Name</u>	EA	Each
<u>Code</u>	<u>Name</u>									
EA	Each									
SDQ02	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	O	ID	1/2	Used				
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>ZZ</td><td>Mutually Defined</td></tr></table>							<u>Code</u>	<u>Name</u>	ZZ	Mutually Defined
<u>Code</u>	<u>Name</u>									
ZZ	Mutually Defined									
SDQ03	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	M	AN	2/80	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>
SDQ04	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	M	R	1/15	Must use
SDQ05	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ06	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ07	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ08	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ09	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ10	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ11	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ12	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ13	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ14	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ15	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ16	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ17	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ18	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ19	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ20	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used
SDQ21	67	Identification Code Description: Code identifying a party or other code Kmart Use: <i>Kmart store number (4 bytes).</i>	C	AN	2/80	Used
SDQ22	380	Quantity Description: Numeric value of quantity Kmart Use: <i>Quantity sold or withdrawn from inventory.</i>	C	R	1/15	Used

CTT

Transaction Totals

Pos: 010

Max: 1

Summary - Optional

Loop: N/A

Elements: 1

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

Syntax:

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

Comments:

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

Segment Example:

CTT*10

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	Number of Line Items	M	N0	1/6	Must use
Description: Total number of line items in the transaction set						
Kmart Use: Total number of LIN segments.						

SE

Transaction Set Trailer

Pos: 020

Max: 1

Summary - Mandatory

Loop: N/A

Elements: 2

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

Comments:

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

Segment Example:

SE*13*000000001

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Kmart Use: Same as ST02.	M	AN	4/9	Must use

GE

Functional Group Trailer

Pos:

- Mandatory

Max: 1

Loop: N/A

Elements: 2

To indicate the end of a functional group and to provide control information

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

Segment Example:

GE*1*47

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender Kmart Use: Same as GS06.	M	N0	1/9	Must use

IEA

Interchange Control Trailer

Pos:

- Mandatory

Loop: N/A

Max: 1

Elements: 2

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Segment Example:

IEA*00001*000000047

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
		Kmart Use: Same as ISA13.				