Belk Guidelines for 4030VICS

850 Purchase Order

Functional Group ID=*PO*

Introduction:

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

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	0100	ST	Transaction Set Header	M	1		
Must Use	0200	BEG	Beginning Segment for Purchase Order	M	1		
	0500	REF	Reference Identification	O	>1		
	0600	PER	Administrative Communications Contact	O	3		
	1100	CSH	Sales Requirements	O	5		
			LOOP ID - SAC			25	
	1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
	1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	1500	DTM	Date/Time Reference	O	10		
	2400	TD5	Carrier Details (Routing Sequence/Transit Time)	O	>1		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - PO1			100000	
Must Use 0100	PO1	Baseline Item Data	M	1		n1
		LOOP ID - CTP			>1	
Must Use 0400	CTP	Pricing Information	O	1		
1900	SDQ	Destination Quantity	O	500		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - CTT			1	
0100	CTT	Transaction Totals	O	1		n2
Must Use 0300	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. PO102 is required.
2. 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.

Segment:	*ST* **Transaction Set Header**
Position:	0100
Loop:	
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	

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

2 The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Comments:

Data Element Summary

Ref. Des.	Data ElementName		Attributes	
Must Use ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		850 Purchase Order		
Must Use ST02	329	**Transaction Set Control Number**	M	AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.		

Segment: *BEG* **Beginning Segment for Purchase Order**

Position: 0200

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes: **1** BEG05 is the date assigned by the purchaser to purchase order.

Comments:

Notes: If BEG02 contains code RL, then BEG04 is required. BEG03 contains the blanket purchase order number which is being released against and BEG04 contains the release number.

Data Element Summary

Ref. Des.	Data ElementName		Attributes
Must UseBEG01	**353**	**Transaction Set Purpose Code**	**M ID 2/2**
		Code identifying purpose of transaction set	
		00 Original	
Must UseBEG02	**92**	**Purchase Order Type Code**	**M ID 2/2**
		Code specifying the type of Purchase Order	
		BK Blanket Order (Quantity Firm)	
		The Type Code of "BK" will identify a bulk Purchase Order, without store/ quantity allocations. The SDQ segment will not be transmitted on this order type. The same purchase order number in the bulk "BK" order will be transmitted in the release "RL" order.	
		RL Release or Delivery Order	
		The Type Code of "RL" will identify a release of a bulk order, with the store/ quantity allocations transmitted in the SDQ segment. The same purchase order number transmitted in the bulk "BK" order will be transmitted in the release "RL" order.	
		SA Stand-alone Order	
Must UseBEG03	**324**	**Purchase Order Number**	**M AN 1/22**
		Identifying number for Purchase Order assigned by the orderer/purchaser	
		Retailer's original purchase order number. Belk's purchase order number (BEG03) is nine numeric digits.	
Must UseBEG05	**373**	**Date**	**M DT 8/8**
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	
		Retailer's original purchase order date.	

      Segment:*REF* Reference Identification
         Position:0500
           Loop:
          Level: Heading
         Usage: Optional
    Max Use:>1
     Purpose: To specify identifying information
Syntax Notes:1 At least one of REF02 or REF03 is required.
              2If either C04003 or C04004 is present, then the other is required.
              3If either C04005 or C04006 is present, then the other is required.
Semantic Notes:1REF04 contains data relating to the value cited in REF02.
    Comments:

Notes: When REF01 contains code PG, REF02 is used to specify the alphanumeric description of the product group or selling zone required on the shipping label. The maximum length is 18 characters. See UCC6 Application Standard for Shipping Container Codes for specific guidance.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use REF01	128	**Reference Identification Qualifier**	M ID 2/3

Code qualifying the Reference Identification

  DP Department Number

     This code may be used in the header area or the detail area, but not both.

  IA Internal Vendor Number

     Identification number assigned to the vendor, by the retailer, for use within the retailer's system.

Ref. Des.	Data Element	Name	Attributes
Must Use REF02	127	**Reference Identification**	X AN 1/50

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

The reference identification (REF02) will contain the four digit department number when the reference identification qualifier (REF01) is "DP".

The reference identification (REF02) will contain the seven digit internal vendor number when the reference identification qualifier (REF01) is "1A".

  Segment: *PER* Administrative Communications Contact

  Position: 0600

    Loop:

    Level: Heading

    Usage: Optional

  Max Use: 3

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

  Syntax Notes: 1 If either PER03 or PER04 is present, then the other is required.

       2 If either PER05 or PER06 is present, then the other is required.

       3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:

  Comments:

Data Element Summary

Ref. Des.	Data ElementName		Attributes
Must Use PER01	366	Contact Function Code	M ID 2/2
		Code identifying the major duty or responsibility of the person or group named	
		BD Buyer Name or Department	
PER02	93	Name	O AN 1/60
		Free-form name	
		The name (PER02) will contain the buyer's name or the department name when the contact function code (PER01) is "BD".	

Segment: *CSH* **Sales Requirements**
Position: 1100
Loop:
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify general conditions or requirements of the sale
Syntax Notes: 1 If CSH02 is present, then CSH03 is required.
2 If either CSH06 or CSH07 is present, then the other is required.
3 If either CSH09 or CSH10 is present, then the other is required.
Semantic Notes: 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.
Comments:

Data Element Summary

Ref. Des.	Data ElementName		Attributes
Must Use CSH01	563	Sales Requirement Code	O ID 1/2
		Code to identify a specific requirement or agreement of sale	
		N No Back Order	

Segment: *SAC* **Service, Promotion, Allowance, or Charge Information**

Position:1200
Loop:SAC Optional
Level: Heading
Usage: Optional
Max Use:1
Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes: 1 At least one of SAC02 or SAC03 is required.
2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.
4 If either SAC09 or SAC10 is present, then the other is required.
5 If SAC11 is present, then SAC10 is required.
6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7 If SAC14 is present, then SAC13 is required.
8 If SAC16 is present, then SAC15 is required.

Semantic Notes: 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.
If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3 SAC08 is the allowance or charge rate per unit.
4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
7 SAC16 is used to identify the language being used in SAC15.

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.

Notes: There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the header area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the header area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.

SAC03 contains special service requirement codes and special processing codes. This code list is maintained by the VICS EDI SMC and is located in Section III of this guideline.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SAC01	248	**Allowance or Charge Indicator**	**M ID 1/1**

Code which indicates an allowance or charge for the service specified
- A Allowance
- C Charge
- N No Allowance or Charge

SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	**X ID 4/4**

Code identifying the service, promotion, allowance, or charge

See section III for code list.
- A260 Advertising Allowance
- C300 Discount - Special
- D240 Freight
- E750 New Store Discount
- F050 Other (See related description)

SAC03	559	**Agency Qualifier Code**	**X ID 2/2**

Code identifying the agency assigning the code values
- VI Voluntary Inter-Industry Commerce Standard (VICS) EDI

SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	**X AN 1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

See section III for code list.
- OHPR

The service code (SAC04) of "OHPR" indicates a special event purchase order.
- OHRO

The service code (SAC04) of "OHRO" indicates a regular AIR/BARS purchase order.

SAC05	610	**Amount**	**O N2 1/15**

Monetary amount

When SAC01 contains code A or code C, then this data element is required. This will resolve any differences between the sender's and receiver's system calculations of amounts, i.e., rounding errors when allowances or charges are expressed in percentages or rates.

SAC06	**378**	**Allowance/Charge Percent Qualifier**		**X ID 1/1**

Code indicating on what basis allowance or charge percent is calculated

All allowances are off the gross price including cash discount.

  3 Discount/Gross

SAC07	**332**	**Percent**		**X R 1/6**

Percent expressed as a percent

The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".

SAC12	**331**	**Allowance or Charge Method of Handling Code**		**O ID 2/2**

Code indicating method of handling for an allowance or charge

  02 Off Invoice

The allowance or charge amount will be reflected in the total transaction amount, e.g., Total Invoice Amount = Merchandise Price + Charges - Allowances.

  05 Charge to be Paid by Vendor

The vendor is responsible for the allowance or charge amount. The exact method of adjudication has been agreed to by the trading partners. The amount will not be reflected in the total invoice amount.

SAC15	**352**	**Description**		**X AN 1/80**

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

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Segment: *ITD* **Terms of Sale/Deferred Terms of Sale**
  Position: 1300
    Loop:
   Level: Heading
   Usage: Optional
 Max Use: >1
  Purpose: To specify terms of sale
Syntax Notes: **1** If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
            2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
            3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes: **1** ITD15 is the percentage applied to a base amount used to determine a late payment charge.
  Comments: **1** If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

Notes: This segment may be used in the header area or the detail area, but not both.

See section V (ITD Terms Specification and Formulas) for usage examples.

In the transitional period for the retail industry, from paper to full automated EDI transactions, there may be a perceived need to send text data with the terms. Clearly the goal is to have the entire retail industry participating in EDI. Therefore, if text data is needed to be sent for terms, ITD12 will contain the free form text. If additional text is needed, additional ITD segments will be used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
ITD01	336	**Terms Type Code**	O	ID 2/2

Code identifying type of payment terms
 01 Basic
 02 End of Month (EOM)

ITD02	333	**Terms Basis Date Code**	O	ID 1/2

Code identifying the beginning of the terms period
 3 Invoice Date
 4 Specified Date

ITD03	338	**Terms Discount Percent**	O	R 1/6

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".

ITD05	351	**Terms Discount Days Due**	X	N0 1/3

Number of days in the terms discount period by which payment is due if terms discount is earned

The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.

ITD07	386	**Terms Net Days**	O	N0 1/3

Number of days until total invoice amount is due (discount not applicable)

ITD09	388	**Terms Deferred Due Date**	O	DT 8/8

Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

ITD11	342	**Percent of Invoice Payable**	X	R 1/5

Amount of invoice payable expressed in percent

The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".

ITD12	352	**Description**	O	AN 1/80

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

Segment:*DTM* **Date/Time Reference**
Position:1500
Loop:
Level: Heading
Usage: Optional
Max Use:10
Purpose: To specify pertinent dates and times
Syntax Notes:1 At least one of DTM02 DTM03 or DTM05 is required.
2If DTM04 is present, then DTM03 is required.
3If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:
Comments:
Notes: This segment is used to specify order processing dates.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use DTM01	374	**Date/Time Qualifier**	M ID 3/3
		Code specifying type of date or time, or both date and time	
		001 Cancel After	
		If the order as not been shipped by this date, the order is considered canceled.	
		010 Requested Ship	
Must Use DTM02	373	**Date**	X DT 8/8
		Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	

Segment:*TD5* **Carrier Details (Routing Sequence/Transit Time)**
Position:2400
Loop:
Level: Heading
Usage: Optional
Max Use:>1
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2If TD502 is present, then TD503 is required.
3If TD507 is present, then TD508 is required.
4If TD510 is present, then TD511 is required.
5If TD513 is present, then TD512 is required.

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6 If TD514 is present, then TD513 is required.
7 If TD515 is present, then TD512 is required.

Semantic Notes:1 TD515 is the country where the service is to be performed.

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.

Notes: This segment is used to specify every carrier in the routing sequence or a specific routing sequence that has been previously identified (usually from a routing guide). The segment can also be used to indicate estimated transit time in days. Only use TD501 if needed for clarity; this is not a requirement in most retail applications. When referring to a pre-established routing guide, use code 91 or 92 in TD502, and identify the routing sequence, from the routing guide, in TD503. To identify a specific private parcel service, TD502 will contain code 2, and TD503 will contain the corresponding SCAC. TD510 and TD511 are used to specify transit time. The TD5 segment will only be transmitted when the routing of the entire purchase order is different from the "Standard Routing".

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD502	66	**Identification Code Qualifier**	X	ID 1/2

Code designating the system/method of code structure used for Identification Code (67)

See External Code Source A17 in Section III for reference document.

 2 Standard Carrier Alpha Code (SCAC)

TD503	67	**Identification Code**	X	AN 2/80

Code identifying a party or other code

The identification code (TD503) will contain the Standard Carrier Alpha Code (SCAC).

Segment: *PO1* **Baseline Item Data**
Position: 0100
Loop: PO1 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax Notes:1 If PO103 is present, then PO102 is required.
2 If PO105 is present, then PO104 is required.
3 If either PO106 or PO107 is present, then the other is required.
4 If either PO108 or PO109 is present, then the other is required.

5 If either PO110 or PO111 is present, then the other is required.
6 If either PO112 or PO113 is present, then the other is required.
7 If either PO114 or PO115 is present, then the other is required.
8 If either PO116 or PO117 is present, then the other is required.
9 If either PO118 or PO119 is present, then the other is required.
10 If either PO120 or PO121 is present, then the other is required.
11 If either PO122 or PO123 is present, then the other is required.
12 If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:1 See the Data Element Dictionary for a complete list of IDs.

2 PO101 is the line item identification.

3 PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Notes: The multi-SKU case pack is used by retailers to order cases packed with specific items, each with a specific quantity. This is similar to the dynamic assortment, however, the unit of measurement code in PO103 is different for each use. For dynamic assortments, PO103 will contain code "AS". This identifies the item listed in the Product/Service IDs as an assortment and the contents of the assortment are listed in subsequent SLN segments. For assortments, at least one occurrence of the Product/Service ID Qualifier and the Product/Service ID are required to identify the assortment. This may be a U.P.C., a vendor assigned number, or a retailer assigned number. There is no implication of packaging for assortments; this is part of the trading partners' business practices. Assortments are primarily used as an ordering tool. For the multi-SKU case pack, PO103 will contain code "CA", and there is no requirement to send a Product/Service ID in the PO1 segment. The use of code "CA" in PO103, and the presence of the SLN segments, informs the receiver to pack the cases with SKUs and quantities in the SLN segments. The quantity in PO102 is the number of cases being ordered. Each SLN segment, that follows the PO1 segment, lists the Product ID, e.g., U.P.C., and the quantity of the SKU that is to be in the case. The total units in each case is the sum of the quantities in the SLN segment.

The codes listed for PO106 apply to every occurrence of Data Element 235 in the PO1 segment.

See Section III for complete U.P.C. and EAN code definitions.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
PO101	350	**Assigned Identification**	O	AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set		
Must Use PO102	330	**Quantity Ordered**	X	R 1/15
		Quantity ordered		
Must Use PO103	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

See Section III for code list.

  EA   Each

| PO104 | 212 | **Unit Price** | | **X** | **R 1/17** |

Price per unit of product, service, commodity, etc.

The price is sent with a decimal point only when needed, e.g., $15.95 would be sent as "15.95", and $29.00 would be sent as "29".

To indicate free goods, use a single zero (0) in PO104 and code NC in PO105.

| PO105 | 639 | **Basis of Unit Price Code** | | **O** | **ID 2/2** |

Code identifying the type of unit price for an item

This data element is used to clarify or alter the basis of unit price. The unit price expressed in PO104 is always in the same terms as the unit of measure in PO103, unless otherwise specified in PO105.

  NC   No Charge
  QT   Quoted
  WD Wholesale Price per Dozen
  WE Wholesale Price per Each

| PO106 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

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

  EN EAN/UCC - 13
  UP UCC - 12
  VA Vendor's Style Number

The Product/Service ID qualifier (PO106) of "VA" is used only for private label vendors.

| PO107 | 234 | **Product/Service ID** | | **X** | **AN 1/48** |

Identifying number for a product or service

The product/service ID (PO107) will contain the 13 digit European Article Number when the product/service ID qualifier (PO106) is "EN".

The product/service ID (PO107) will contain the 12 digit Universal Product Code when the product/service ID qualifier (PO106) is "UP".

| PO108 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

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

  VA Vendor's Style Number
  VE Vendor Color

The product/service ID qualifier (PO108) of "VE" is used only for private label vendors.

| PO109 | 234 | **Product/Service ID** | | **X** | **AN 1/48** |

Identifying number for a product or service

| PO110 | 235 | **Product/Service ID Qualifier** | | **X** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/
Service ID (234)
    SM National Retail Merchants Association Size Code
        The product/service ID qualifier (PO110) of "SM" is used only for private
        label vendors.

PO111   234   Product/Service ID   **X   AN 1/48**
        Identifying number for a product or service

Segment: *CTP* **Pricing Information**
  Position: 0400
    Loop: CTP Optional (Must Use)
    Level: Detail
    Usage: Optional (Must Use)
  Max Use: 1
  Purpose: To specify pricing information
  Syntax Notes: 1 If either CTP04 or CTP05 is present, then the other is required.
          2 If CTP06 is present, then CTP07 is required.
          3 If CTP09 is present, then CTP02 is required.
          4 If CTP10 is present, then CTP02 is required.
          5 If CTP11 is present, then CTP03 is required.
Semantic Notes: 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.
          See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
CTP01	**687**	**Class of Trade Code**		**O**	**ID 2/2**
		Code indicating class of trade			
		RS Resale			
Must Use CTP02	**236**	**Price Identifier Code**		**X**	**ID 3/3**
		Code identifying pricing specification			
		RTL Retail			
Must Use CTP03	**212**	**Unit Price**		**X**	**R 1/17**
		Price per unit of product, service, commodity, etc.			

The price is sent with a decimal point only when needed, e.g., $15.95 would be sent as "15.95", and $29.00 would be sent as "29".

Segment: *SDQ* **Destination Quantity**
Position: 1900
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 500
Purpose: To specify destination and quantity detail
Syntax Notes: 1 If either SDQ05 or SDQ06 is present, then the other is required.
2 If either SDQ07 or SDQ08 is present, then the other is required.
3 If either SDQ09 or SDQ10 is present, then the other is required.
4 If either SDQ11 or SDQ12 is present, then the other is required.
5 If either SDQ13 or SDQ14 is present, then the other is required.
6 If either SDQ15 or SDQ16 is present, then the other is required.
7 If either SDQ17 or SDQ18 is present, then the other is required.
8 If either SDQ19 or SDQ20 is present, then the other is required.
9 If either SDQ21 or SDQ22 is present, then the other is required.
Semantic Notes: 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.
Notes: This segment is used to distribute the line item quantity to various locations. SDQ02 serves the same purpose as N103, and all occurrences of Data Element 67, in this segment, function as N104. The SDQ segment functions as an N1 segment containing code BY in N101, that is, the SDQ segment specifies various buying locations. The N1 segment, in the basic order, specifies only one location. The sum of all quantities in the SDQ segment(s), for a line item, must equal the quantity ordered in PO102.
IMPORTANT:
The SDQ segment will not be transmitted for a bulk Purchase Order when the BEG02 element is "BK".

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use SDQ01	355	Unit or Basis for Measurement Code	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

See Section III for code list.

Refer to 004030VICS Data Element Dictionary for acceptable code values.

Must UseSDQ02   **66**   **Identification Code Qualifier**   **O**   **ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

 92   Assigned by Buyer or Buyer's Agent

Must UseSDQ03   **67**   **Identification Code**   **M**   **AN 2/80**

Code identifying a party or other code

The identification code (SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, SDQ21) will contain the four digit Belk store number.

Must UseSDQ04   **380**   **Quantity**   **M**   **R 1/15**

Numeric value of quantity

SDQ05   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ06   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ07   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ08   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ09   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ10   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ11   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ12   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ13   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ14   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ15   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ16   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ17   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

SDQ18   **380**   **Quantity**   **X**   **R 1/15**

Numeric value of quantity

SDQ19   **67**   **Identification Code**   **X**   **AN 2/80**

Code identifying a party or other code

Ref. Des.	Data Element	Name	Attributes
SDQ20	380	**Quantity**	X R 1/15
		Numeric value of quantity	
SDQ21	67	**Identification Code**	X AN 2/80
		Code identifying a party or other code	
SDQ22	380	**Quantity**	X R 1/15
		Numeric value of quantity	

Segment: *CTT* **Transaction Totals**
Position: 0100
Loop: CTT Optional
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: **1** If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: **1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use CTT01	354	**Number of Line Items**	M N0 1/6
		Total number of line items in the transaction set	
		The number of PO1 segments present in the transaction set.	

Segment: *SE* **Transaction Set Trailer**
Position: 0300
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1

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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
Must Use SE01	96	**Number of Included Segments**	M	N0	1/10
		Total number of segments included in a transaction set including ST and SE segments			
Must Use SE02	329	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			
		This must be the same number as in the ST segment (ST02) for the transaction set.			

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Belk 850 Examples
VICS 4030

Standard 850 Example:

```
ISA*00* *00* *08*6123830000 *ql*receiver id *020527*0055*U*00403*000000001*0*P*>~
GS*PO*6123830000*receiver id*20020527*0055*1*X*004030VICS~
ST*850*0001~
BEG*00*SA*123456789**20020526~
REF*DP*0320~
REF*IA*1234567~
PER*BD*BELK BUYER~
CSH*N~
ITD*02*3*8**10~
DTM*010*20021115~
DTM*001*20021130~
PO1*1*5*EA*8.2*WE*UP*123456789123*VA*123~
CTP*RS*RTL*16~
SDQ*EA*92*0017*5~
CTT*1~
SE*14*0001~
GE*1*1~
IEA*1*000000001~
```

Belk 850 Bulk Examples

Bulk (Blanket) Example:

ISA*00* *00* *08*6123830000 *ql*receiver id *020527*0055*U*00403*000000001*0*P*>~
GS*PO*6123830000*receiver id*20020527*0055*1*X*004030VICS~
ST*850*0001~
BEG*00***BK***987654321**20020526~
REF*DP*0320~
REF*IA*1234567~
PER*BD*BELK BUYER~
CSH*N~
ITD*02*3*8**10~
DTM*010*20021115~
DTM*001*20021130~
PO1*1*2750*EA*8.2*WE*UP*123456789123*VA*123~
CTP*RS*RTL*16~
CTT*1~
SE*13*0001~
GE*1*1~
IEA*1*000000001~

Release Example:

ISA*00* *00* *08*6123830000 *ql*receiver id *020527*0055*U*00403*000000002*0*P*>~
GS*PO*6123830000*receiver id*20020527*0055*2*X*004030VICS~
ST*850*0001~
BEG*00***RL***987654321**20020526~
REF*DP*0320~
REF*IA*1234567~
PER*BD*BELK BUYER~
CSH*N~
ITD*02*3*8**10~
DTM*010*20021115~
DTM*001*20021130~
PO1*1*2750*EA*8.2*WE*UP*123456789123*VA*123~
CTP*RS*RTL*16~
SDQ*EA*92*0001*500*0006*10000007*250*0010*500*0011*500~**
CTT*1~
SE*14*0001~
GE*1*2~
IEA*1*000000002~