Belk Stores
810 Invoice

X12/V4030/810: 810 Invoice

<u>Belk Technical Information for 810:</u>

- All EDI Transmissions are through the Opentext network
- VICS 810 Version 4030
- VICS 997, Acknowledgment will be returned
- EDI Communication ID   -   08 6123830000
- VAN   -   TGMS Opentext

<u>Recent Changes:</u>

- Beginning January 13th 2020, if the CAD segment is included, the CAD08 will be the Transplace ME# as the Bill of Lading#.

<u>Belk Guidelines for Invoice Consolidation:</u>

- EDI Invoice Consolidation is Mandatory
- Invoices must be consolidated by the PO#, then the ship to DC location and the BOL# (Transplace ME#).   (Example: If a PO contains stores that ship to two DCs, and each shipment has one BOL#, then there should only be two invoices for the PO)
- Consolidated invoices should include all stores for each appropriate DC location
- UPCs should be listed only once on the invoice with the combined store quantities for the shipment
- The N1*BY segment is the four-digit DC location: Ex. (N1*BY**92*0737~) There are 3 DC locations: 0737, 0744, and 0745 (fine jewelry only).
- Store to DC relationships and DC addresses can be found under the Transportation Documents of the Vendor Resource page
  https://www.belk.com/customer-service/about-us/vendor-resources/
- The DUNS# in the N104 should match the DUNS# in the N104 on the corresponding ASN
- The Bill of Lading# (Transplace ME#) in the CAD08 should match the BOL#(Transplace ME#) in the REF02 on the corresponding ASN
- Use unique interchange numbers for each transmission as our system rejects duplicate numbers from the same sender/receiver ID

810 Invoice

<div align="right">

Functional Group ID=IN

</div>

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) 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 billing for goods and services provided.

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	0100	ST	Transaction Set Header	M	1		
5	0200	BIG	Beginning Segment for Invoice	M	1		
6	0500	REF	Reference Identification	O	12		
			LOOP ID - N1			200	
7	0700	N1	Name	M	1		
8	1300	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		
9	1400	DTM	Date/Time Reference	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
10	0100	IT1	Baseline Item Data (Invoice)	M	1		

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
12	0100	TDS	Total Monetary Value Summary	M	1		
13	0300	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			>1	
14	0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
			LOOP ID - ISS			>1	
15	0600	ISS	Invoice Shipment Summary	O	1		
16	0700	CTT	Transaction Totals	M	1		n1
17	0800	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 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

Data Element Summary

	Ref. Des.	Data Element	Name			Attributes
M	ST01	143	**Transaction Set Identifier Code**	M	1	**ID 3/3**
			Code uniquely identifying a Transaction Set			
			810 Invoice			
M	ST02	329	**Transaction Set Control Number**	M	1	**AN 4/9**
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

	Segment:	**BIG** Beginning Segment for Invoice
	Position:	0200
	Loop:	
	Level:	Heading
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	BIG01	373	**Date**	M	1	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
M	BIG02	76	**Invoice Number**	M	1	**AN 1/30**
			Identifying number assigned by issuer			
			The Standards maximum length for this field is 30			
	BIG03	373	**Date**	O	1	**DT 8/8**
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			
M	BIG04	324	**Purchase Order Number**	M	1	**AN 1/22**
			Identifying number for Purchase Order assigned by the purchaser			

Segment: **REF** Reference Identification
Position: 0500
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	REF01	128	**Reference Identification Qualifier**	M	1	ID 2/3
			Code qualifying the Reference Identification			
			DP Department Number			
	REF02	127	**Reference Identification**	X	1	AN 1/30
			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".			

Segment: # N1 Name
Position: 0700
Loop: N1   Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	N101	98	**Entity Identifier Code**	M	1	ID 2/3

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

BY	Buying Party (Purchaser)
RI	Remit To

	N102	93	**Name**	X	1	AN 1/60

Free-form name

The name (N102) is required when the entity identifier code (N101) is "RI".

	N103	66	**Identification Code Qualifier**	X	1	ID 1/2

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

1	D-U-N-S Number, Dun & Bradstreet

See External Code Source A16 in Section III for reference document.

92	Assigned by Buyer or Buyer's Agent

	N104	67	**Identification Code**	X	1	AN 2/80

Code identifying a party or other code

This is the location code as defined by N103.

The identification code (N104) is the vendor's nine or thirteen digit Dun and Bradstreet number when the entity identifier code (N101) is "RI".

The identification code (N104) is the four digit Belk Distribution Center location number when the entity identifier code (N101) is "BY".   There are three DC location numbers - 0737, 0744, 0745

	Segment:	**ITD**	Terms of Sale/Deferred Terms of Sale

Segment: **ITD** Terms of Sale/Deferred Terms of Sale
Position: 1300
Loop:
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify terms of sale

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	ITD01	336	**Terms Type Code**	M	1	ID 2/2
			Code identifying type of payment terms			
			02 End of Month (EOM)			
			05 Discount Not Applicable			
			08 Basic Discount Offered			
			09 Proximo			
			12 10 Days After End of Month (10 EOM)			
M	ITD02	333	**Terms Basis Date Code**	M	1	ID 1/2
			Code identifying the beginning of the terms period			
			3 Invoice Date			
M	ITD07	386	**Terms Net Days**	M	1	N0 1/3
			Number of days until total invoice amount is due			

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

	Ref.	**Data**					

Segment: **DTM** Date/Time Reference
Position: 1400
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes		
M	DTM01	374	**Date/Time Qualifier**	M	1	ID 3/3
			Code specifying type of date or time, or both date and time			
			011 Shipped			
	DTM02	373	**Date**	X	1	DT 8/8
			Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

Segment:	**IT1** Baseline Item Data (Invoice)
Position:	0100
Loop:	IT1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	IT101	350	**Assigned Identification**	O	1 AN 1/20

Alphanumeric characters assigned for differentiation within a transaction set

The Standards maximum length for this field is 20; Belk can only accept a maximum length of 11.

Must Use	IT102	358	**Quantity Invoiced**	X	1 R 1/10

Number of units invoiced (supplier units)

Number of Units must be a whole number and contain no decimals

Must Use	IT103	355	**Unit or Basis for Measurement Code**	X	1 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.

    AS   Assortment

    EA   Each

Must Use	IT104	212	**Unit Price**	X	1 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 a no charge item or free goods, IT104 will contain a single zero (0) and IT105 will contain code NC.

	IT105	639	**Basis of Unit Price Code**	O	1 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 IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105.

    WE   Wholesale Price per Each

Must Use	IT106	235	**Product/Service ID Qualifier**	X	1 ID 2/2

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

    EN   EAN/UCC - 13

                      Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN)

    UP   UCC - 12

                      Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN).   Also known as the Universal Product Code (U.P.C.)

                      The product/service ID qualifier (IT106) of "UP" is preferred.

Must Use	IT107	234	**Product/Service ID**	X	1 AN 1/48

Identifying number for a product or service

	IT108	235	**Product/Service ID Qualifier**	X	1 ID 2/2

Code identifying the type/source of the descriptive number used in

Product/Service ID (234)
     VA   Vendor's Style Number

IT109   **234**   **Product/Service ID**   **X**   **1** **AN 1/48**
Identifying number for a product or service

	Segment:	**TDS** Total Monetary Value Summary
	Position:	0100
	Loop:	
	Level:	Summary
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To specify the total invoice discounts and amounts

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	TDS01	610	Amount	M 1 N2 1/15
			Monetary amount (Total is inclusive of any SAC Charges or Allowances)	

Segment: **CAD** Carrier Detail
Position: 0300
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify transportation details for the transaction

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	CAD04	140	**Standard Carrier Alpha Code**	X	1	ID 2/4
			Standard Carrier Alpha Code			
			See External Code Source A17 in Section III for reference document.			
	CAD07	128	**Reference Identification Qualifier**	O	1	ID 2/3
			Code qualifying the Reference Identification			
			BM Bill of Lading Number			
			The reference identification qualifier (CAD07) of "BM" is preferred.			
	CAD08	127	**Reference Identification**	X	1	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
			The reference identification (CAD08) will contain the Transplace ME# when the reference identification qualifier (CAD07) is "BM".			

	Ref. Des.	**Data Element**	**Name**			**Attributes**

Segment: **SAC** Service, Promotion, Allowance, or Charge Information
Position: 0400
Loop: SAC   Optional
Level: Summary
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

Data Element Summary

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

Code which indicates an allowance or charge for the service specified

A	Allowance
C	Charge

	SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**	**X**	**1**	**ID 4/4**

Code identifying the service, promotion, allowance, or charge

See Section III for code list.

B950	Damaged Merchandise
C310	Discount
D240	Freight
D920	Insurance Fee
D980	Insurance
E750	New Store Discount
G970	Small Order Charge
H630	Tax - City Sales Tax (Only)
H660	Tax - Federal Excise Tax, FET
H700	Tax - Local Tax
H770	Tax - State Tax
H850	Tax
ZZZZ	Mutually Defined

	SAC05	**610**	**Amount**	**O**	**1**	**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.

Segment:	**ISS** Invoice Shipment Summary		
Position:	0600		
Loop:	ISS	Optional	
Level:	Summary		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify summary details of total items shipped in terms of quantity, weight, and volume		

Data Element Summary

Ref. Des.	Data Element	Name			Attributes
ISS01	382	**Number of Units Shipped**	X	1	R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set			
ISS02	355	**Unit or Basis for Measurement Code**	X	1	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.			
		CT Carton			
ISS03	81	**Weight**	X	1	R 1/10
		Numeric value of weight			
ISS04	355	**Unit or Basis for Measurement Code**	X	1	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.			
		LB Pound			

Segment: # CTT Transaction Totals
Position: 0700
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
M	CTT01	354	**Number of Line Items**	M	1	N0 1/6
			Total number of line items in the transaction set			
			The number of IT1 segments present in the transaction set			

	Segment:	**SE** Transaction Set Trailer
	Position:	0800
	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)

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
M	SE01	96	**Number of Included Segments**	M	1 N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	1 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 is in the ST segment (ST02) for the transaction set.		

Invoice Sample Data:

810 (Eaches/SKU)

```
ISA*00* *00* *ql*Sender ID *08*6123830000*140514*2231*U*00403*000005847*0*P*>~
GS*IN*Sender ID*6123830000*20140514*2231*5749*X*004030VICS~
ST*810*0001~
BIG*20131030*12345678900*20131030*5051234~
REF*DP*0421~ N1*BY**92*0737~
N1*RI*ABC CO.*1*003456789~
ITD*05*3*****30~
DTM*011*20130630~
IT1*1*55*EA*10*WE*UP*400663067199*VA*40C4210131~
IT1*2*55*EA*12.5*WE*UP*400663067200*VA*40C4210131~
IT1*3*55*EA*8*WE*UP*400663067201*VA*40C4210131~
TDS*168002~
CAD****UQEP***BM*F12345~
SAC*C*D240***252~
ISS*7*CT*3.5*LB~
CTT*3~
SE*16*0001~
GE*1*1~
IEA*1*000000001~
```

810 (Pack)

```
ISA*00* *00* *ql*Sender ID *08*6123830000*140514*0055*U*00403*000005856*0*P*>~
GS*IN*Sender ID*6123830000*20021102*0055*1*X*004030VICS~
ST*810*0001~
BIG*20131030*12345678901*20131030*5053401~
REF*DP*0421~
N1*BY**92*0744~
N1*RI*ABC CO.*1*003456789~
ITD*05*3*****30~
DTM*011*20130630~
IT1*1*60*AS*30*WE*UP*400663067208*VA*40C4210131~
IT1*2*60*AS*45*WE*UP*400663067209*VA*40C4210131~
IT1*3*60*AS*30*WE*UP*400663067211*VA*A105BB~
TDS*630252~
CAD****UQEP***BM*F12345~
SAC*C*D240***252~
ISS*7*CT*3.5*LB~
CTT*3~
SE*16*0001~
GE*1*1~
IEA*1*000000001~
```