Belk

Belk Technical Information for 810

1. All EDI Transmissions are through the IBM network
2. VICS 810, Version 4010
3. VICS 997, Acknowledgment
4. EDI Communications ID   **08 6123830000**
5. IBM Network Account Number   **BELK**
6. IBM Information Network User ID **BELK021**

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Belk Guidelines for 4010VICS 810 Invoices Revised 01/19/99
810 Invoice

Functional Group ID=*IN*

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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
Must Use	050	REF	Reference Identification	O	12		
			LOOP ID - N1			200	
Must Use	070	N1	Name	O	1		
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		
Must Use	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	140	DTM	Date/Time Reference	O	10		

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
		LOOP ID - IT1			200000	
010	IT1	Baseline Item Data (Invoice)	O	1		
		LOOP ID - PID			1000	
060	PID	Product/Item Description	O	1		

Summary:

Pos.	Seg.		Req.		Loop	Notes and

	No.	ID	Name	Des.	Max.Use	Repeat	Comments
Must Use	010	TDS	Total Monetary Value Summary	M	1		
Rec	030	CAD	Carrier Detail	O	1		
			LOOP ID - SAC			25	
	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
			LOOP ID - ISS			>1	
	060	ISS	Invoice Shipment Summary	O	1		
	070	CTT	Transaction Totals	O	1		n1
Must Use	080	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, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment: *ST* **Transaction Set Header**
Position: 010
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).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			810 Invoice		
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: *BIG* **Beginning Segment for Invoice**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Syntax Notes:
Semantic Notes: **1** BIG01 is the invoice issue date.
2 BIG03 is the date assigned by the purchaser to purchase order.
3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.
Comments: **1** BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	BIG01	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
Must Use	BIG02	76	**Invoice Number**	M	AN 1/22
			Identifying number assigned by issuer		
			The invoice number (BIG02) cannot exceed 12 characters in lenth. Special characters and spaces will be taken out.		
	BIG03	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
			Retailer's original purchase order date		
Must Use	BIG04	324	**Purchase Order Number**	O	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			Retailer's original purchase order number		
			Special characters and spaces will be taken out.		

Segment: *REF* **Reference Identification**
Position: 050
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: 12
Purpose: To specify identifying information
Syntax Notes: **1** At least one of REF02 or REF03 is required.

       2 If either C04003 or C04004 is present, then the other is required.

       3 If either C04005 or C04006 is present, then the other is required.

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

Comments:

    Notes: The REF segment with a reference number qualifier (REF01) of "DP" is required.

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		
Must Use	REF02	127	**Reference Identification**	X	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: 070

           Loop: N1 Optional (Must Use)

          Level: Heading

         Usage: Optional (Must Use)

     Max Use: 1

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

Syntax Notes: 1 At least one of N102 or N103 is required.

               2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

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

               2 N105 and N106 further define the type of entity in N101.

       Notes: BASIC

There will be at least one occurrence of the N1 segment to specify the buying party by using code BY in N101. It is assumed that, for a particular buying location, the retailer has the ship to and bill to in their system, therefore, it need not be sent. Use the ship to if there are multiple ship-to locations for the buying location.

SPREADSHEET

The SDQ segment is used to specify the retailer's buying locations. Therefore, code BY is not used in the N1 segment for the spreadsheet invoice. It is assumed the retailer has the bill to and ship to for all of the retailer's buying locations. Therefore, this segment is normally not used. If either the bill-to or ship-to locations are to be overridden, this segment is used to specify those locations. CAUTION, this will override every bill to or ship to for every buying location in the SDQ segment.

N103 and N104 are required except when N101 contains code CC, CT, DL, OW, or RI.

When the ship to is the end consumer (customer of retailer), N103 and N104 are not required.;

In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set within each transaction set. To identify the sender of the transaction set, N101 will contain code FR, N103 will contain code 93, and N104 will contain the actual identification number. To identify the receiver of the transaction set, N101 will contain code TO, N103 will contain code 94, and N104 will contain the actual identification number. These four codes may be used only in the combination listed above and may be used only to identify the sender and/or receiver of the transaction set.

N106 is used to indicate the remit-to party is a factor. N106 can be used only when N101 contains code RI.
The N1 segment is required two times; once with an entity identifier code (N101) of "RI" and once with either "BS" or "BY".

Data Element Summary

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

Code identifying an organizational entity, a physical location, property or an individual
  BS Bill and Ship To
  BY Buying Party (Purchaser)
  RI Remit To

	N102	93	**Name**	X	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	ID 1/2

Must Use

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.
  9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
    See External Code Source A16 in Section III for reference document.
  92 Assigned by Buyer or Buyer's Agent

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

Must Use

Code identifying a party or other code
This is the location code as defined by N103. The location code may be a formal number, e.g., DUNS, or it may be assigned by either the buyer or seller. The location refers to a store, warehouse, distribution center, plant, etc. Location codes are used to alleviate the need to send complete names and addresses.
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 store or service center number when the entity identifier code (N101) is "BS" or "BY".

Segment: *N3* **Address Information**
Position: 090
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information** Address information	**M AN 1/55**
	N302	166	**Address Information** Address information	**O AN 1/55**

Segment: *N4* **Geographic Location**
Position: 100
Loop: N1 Optional (Must Use)
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N401	19	**City Name** Free-form text for city name	**M**	**AN 2/30**
Must Use	N402	156	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency	**M**	**ID 2/2**

See External Code Source A22 in Section III for reference document.

N403   116   Postal Code   O   ID 3/15
Code defining international postal zone code excluding punctuation
and blanks (zip code for United States)
See External Code Source A51 in Section III for reference document.

Segment: *ITD* **Terms of Sale/Deferred Terms of Sale**
Position: 130
Loop:
Level: Heading
Usage: Optional (Must Use)
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: 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.

Many times, deferred terms are specified on the purchase order with only the knowledge that the terms are to be based on a date value which is not known, e.g., invoice or delivery date. What is known is the percentage or dollar amount of each deferred installment, and the number of days after the date the terms are based on, that each installment will be due. In these cases, ITD01 will contain code 04, indicating deferred or installment terms, and ITD02 will contain the appropriate terms date basis code (most typically code 2 for Delivery Date, code 3 for Invoice Date, or code 15 for Receipt of Goods Date). ITD07 will contain the number of days after the terms basis date that this installment is due. ITD10 or ITD11 will be used to indicate a dollar amount (ITD10) for that installment or the percent (ITD11) for that installment. Use one ITD segment for each installment. When specifying deferred terms and the exact terms basis date is known, e.g., invoice date, ITD09 should be used to specify the exact deferred or installment date.

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

                                This code will be deleted after Version 004010.
                        02 End of Month (EOM)
                        03 Fixed Date
                                This code will be deleted after Version 004010.
                        05 Discount Not Applicable
                        08 Basic Discount Offered
                        09 Proximo
                        12 10 Days After End of Month (10 EOM)

ITD02   333   Terms Basis Date Code   O   ID 1/2
Code identifying the beginning of the terms period
  3 Invoice Date
  7 Effective Date
      The date is specified in the DTM segment in the header area using code
      007 in DTM01.

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".

ITD04   370   Terms Discount Due Date   X   DT 8/8
Date payment is due if discount is to be earned expressed in format
CCYYMMDD

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.

ITD06   446   Terms Net Due Date   O   DT 8/8
Date when total invoice amount becomes due expressed in format
CCYYMMDD

ITD07   386   Terms Net Days   O   N0 1/3
Number of days until total invoice amount is due (discount not applicable)
The end of the term period is derived by adding this value to the beginning of the term period,
as qualified by ITD02.

ITD08   362   Terms Discount Amount   O   N2 1/10
Total amount of terms discount

         Segment: *DTM* **Date/Time Reference**
        Position: 140
            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.
                      2 If DTM04 is present, then DTM03 is required.
                      3 If either DTM05 or DTM06 is present, then the other is required.
  Semantic Notes:
       Comments:

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
  007 Effective

    The date/time qualifier (DTM01) is "007" when the terms basis date code (ITD02) is "7".
  011 Shipped

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM02	373	**Date**		X	DT 8/8

Date expressed as CCYYMMDD

Segment: *IT1* **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions
Syntax Notes: 1 If any of IT102 IT103 or IT104 is present, then all are required.
    2 If either IT106 or IT107 is present, then the other is required.
    3 If either IT108 or IT109 is present, then the other is required.
    4 If either IT110 or IT111 is present, then the other is required.
    5 If either IT112 or IT113 is present, then the other is required.
    6 If either IT114 or IT115 is present, then the other is required.
    7 If either IT116 or IT117 is present, then the other is required.
    8 If either IT118 or IT119 is present, then the other is required.
    9 If either IT120 or IT121 is present, then the other is required.
    10 If either IT122 or IT123 is present, then the other is required.
    11 If either IT124 or IT125 is present, then the other is required.
Semantic Notes: 1 IT101 is the purchase order line item identification.
Comments: 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
    2 IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.
Notes: The codes listed for IT106 apply to every occurrence of Data Element 235 in the IT1 segment.

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

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	IT101	350	**Assigned Identification**	O	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	R 1/10

Number of units invoiced (supplier units)

Must Use	IT103	355	**Unit or Basis for Measurement Code**	X	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 004010VICS Data Element Dictionary for acceptable code values.

Must Use	IT104	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) with code NC as the value in IT105.

	IT105	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 IT104 is always in the same terms as the unit of measure in IT103, unless otherwise specified in IT105.

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

	IT106	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 European Article Number (EAN) (2-5-5-1)
UP U.P.C. Consumer Package Code (1-5-5-1)

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

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

Identifying number for a product or service

Must Use	IT108	235	**Product/Service ID Qualifier**	M	ID 2/2

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

VA Vendor's Style Number

If the vendor's style cannot be transmitted, the PID segment is required.

VC Vendor's (Seller's) Catalog Number

Must Use	IT109	234	**Product/Service ID**	X	AN 1/48

Identifying number for a product or service

	IT110	235	**Product/Service ID Qualifier**	X	ID 2/2

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

CM National Retail Merchants Association Color Code

VE Vendor Color

IT111	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

IT112	235	**Product/Service ID Qualifier**	X	**ID 2/2**

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

  SMNational Retail Merchants Association Size Code

  SZ Vendor Alphanumeric Size Code (NRMA)

IT113	234	**Product/Service ID**	X	**AN 1/48**

Identifying number for a product or service

Segment: *PID* **Product/Item Description**
Position: 060
Loop: PID Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax Notes: 1 If PID04 is present, then PID03 is required.
2 At least one of PID04 or PID05 is required.
3 If PID07 is present, then PID03 is required.
4 If PID08 is present, then PID04 is required.
5 If PID09 is present, then PID05 is required.
Semantic Notes: 1 Use PID03 to indicate the organization that publishes the code list being referred to.
2 PID04 should be used for industry-specific product description codes.
3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4 PID09 is used to identify the language being used in PID05.
Comments: 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3 PID07 specifies the individual code list of the agency specified in PID03.
Notes: The PID segment is required if the vendor's style cannot be transmitted in the IT1 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type**	M	**ID 1/1**

Code indicating the format of a description

  F Free-form

    The description will be found in PID05.

PID05	352	**Description**	X	**AN 1/80**

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

Segment: *TDS* **Total Monetary Value Summary**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes: **1** TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2 TDS02 indicates the amount upon which the terms discount amount is calculated.
3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4 TDS04 indicates the total amount of terms discount.
Comments: **1** TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	TDS01	610	Amount	M N2 1/15
			Monetary amount	
	TDS02	610	Amount	O N2 1/15
			Monetary amount	
	TDS03	610	Amount	O N2 1/15
			Monetary amount	
	TDS04	610	Amount	O N2 1/15
			Monetary amount	

Segment: *CAD* **Carrier Detail**
Position: 030
Loop:
Level: Summary
Usage: Optional (Recommended)
Max Use: 1
Purpose: To specify transportation details for the transaction
Syntax Notes: **1** At least one of CAD05 or CAD04 is required.
2 If CAD07 is present, then CAD08 is required.
Semantic Notes:
Comments:
Notes: This segment may be used in the detail area or the summary area, but not both.

CAD04 may be used to identify a specific private parcel service provider.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
Rec CAD04	140	**Standard Carrier Alpha Code**	X	ID 2/4

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

CAD05	387	**Routing**	X	AN 1/35

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Rec CAD07	128	**Reference Identification Qualifier**	O	ID 2/3

Code qualifying the Reference Identification
 BM Bill of Lading Number

    The reference identification qualifier (CAD07) of "BM" is
    preferred.
 CN Carrier's Reference Number (PRO/Invoice)

Rec CAD08	127	**Reference Identification**	X	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 bill of lading number when the reference identification qualifier (CAD07) is "BM".
The reference identification (CAD08) will contain the carrier's reference number when the reference identification qualifier (CAD07) is "CN".

Segment: *SAC* Service, Promotion, Allowance, or Charge Information
Position: 040
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
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 to further the code in 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 summary 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 summary 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		
Must Use	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.		
			This is a partial list of the more common service, promotion, allowance, or charge codes (SAC02). Belk will accept any code listed in Section III of the VICS Standards manual.		
			B950 Damaged Merchandise		
			C310 Discount		
			D240 Freight		
			D920 Insurance Fee		
			D980 Insurance		
			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		

ZZZZMutually Defined

Must Use 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.

Segment:	*ISS* **Invoice Shipment Summary**
Position:	060
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
Syntax Notes:	**1** At least one of ISS01 ISS03 or ISS05 is required.
	2 If either ISS01 or ISS02 is present, then the other is required.
	3 If either ISS03 or ISS04 is present, then the other is required.
	4 If either ISS05 or ISS06 is present, then the other is required.
Semantic Notes:	**1** ISS07 is the quantity of third party pallets.
	2 ISS08 is the gross weight of third party pallets in pounds.
Comments:	
Notes:	When used by the alcohol beverage industry, a single ISS segment is used to specify the total number of cases, bottles, etc., for which the customer is being invoiced. Additional iterations of the ISS/PID segments are used to summarize the total number of wine gallons, spirit gallons, etc.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
Rec ISS01	382	**Number of Units Shipped**	X	R 1/10
		Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set		
Rec ISS02	355	**Unit or Basis for Measurement Code**	X	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.		
		CTCarton		
Rec ISS03	81	**Weight**	X	R 1/10
		Numeric value of weight		
Rec ISS04	355	**Unit or Basis for Measurement Code**	X	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.		
		LBPound		
ISS07	380	**Quantity**	O	R 1/15
		Numeric value of quantity		

ISS08   81   Weight   O   R 1/10
                 Numeric value of weight

           Segment: *CTT* **Transaction Totals**
          Position: 070
              Loop:
             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 IT1 segments present in the transaction set	

           Segment: *SE* **Transaction Set Trailer**
          Position: 080
              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	Attrib
Must Use	SE01	96	**Number of Included Segments** Total number of segr included in a transac set including ST and segments	**M N0**
Must Use	SE02	329	**Transaction Set Control Number** Identifying control n that must be unique the transaction set functional group assi by the originator for transaction set This must be the same nu is in the ST segment (ST the transaction set.	**M AN**

Example:

* to indicate test and parallel transactions

ISA15 will contain "T"

ISA*00* *00* *ql*sender id ***08*****6123830000**
*981102*005

5*U*00401*000000001*0***T***>~

GS*IN*sender id***6123830000***19981102*0055*1*X*004010VICS~

ST*810*0001~

BIG*19981102*12345*19981015*123456789~

REF*DP*0320~

N1*BY**92*0017~

N1*RI*ABC CO.*1*003456789~

ITD*05*3*****30~

DTM*011*19981102~

IT1*1*5*EA*8.2*WE*UP*123456789123*VA*123~

TDS*4352~

CAD****UQEP***BM*F12345~

SAC*C*D240***252~

ISS*1*CT*3.5*LB~

CTT*1~

SE*14*0001~

GE*1*1~

IEA*1*000000001~

* to indicate production transactions

ISA15 will contain "P"

ISA*00* *00* *ql*sender id *08*6123830000 *981102*005

5*U*00401*000000001*0*P*>~

GS*IN*sender id*6123830000*19981102*0055*1*X*004010VICS~