Introduction

This document provides all current and future VW EDI Trading Partners with mapping guidelines for the 810-Invoice. Version 004010VICS is the version that will be accepted by VW. In keeping with the standards, it is understood that the 997 Acknowledgement will be generated and sent within 1 business day after the 810 is received. These specifications outline the format of the invoice as our system expects from our **TRADE** vendors. Alternate specifications can be provided to UTILITY vendors upon request (reference EDI Coordinator below).

The following individual will be your point of contact regarding the testing and implementation of new and existing trading partner relationships:

> EDI Coordinator   Lisa Cooper   Phone 252-430-2303
> Fax   252-430-2440
> Email: lcooper@vwstores.com

All questions should be addressed to Lisa Cooper. Lisa will contact the appropriate Trading Partner EDI Coordinator and schedule EDI implementation. Once both parties have agreed on and approved the document(s) for production, the relationship will be considered a production trading partner relationship going forward from that date.

Points of interest:

> **VW SEGMENT RULES:**
> - BIG - Limit the value you put in the BIG04 element (our PO #) to only numeric data, 8 digits - **VW REQUIRED VALUE-NO ALPHA CHARACTERS**.
>
> - REF - For the REF02 element (with REF01 value = IA), VW requires our value for your vendor number. (Vendor number is included in our 850 REF02 element w/REF01 = 'IA').
>
> - N1 (RI-remit to) loop – For the 'RI' N1 loop, VW requires the N1, N3 and N4 segments. This value must match the 'REMIT TO' information defined in VW's system. Use the N2 segment if needed.
>
> - N1 (ST-ship to) loop – For the 'ST' N1 loop, VW requires the N1 segment to include the applicable N104 element values defined. (Refer to the detail description of the N1 segment).
>
> - ITD – VW requires this segment.
>
> - IT1 - VW requires the vendor to return Variety's SKU value in the IT107 element. (Refer to the detail description of the IT1 segment).
>
> - TDS – VW requires the vendor to define the invoice total, net amount, and discount amount as outlined in this document. (Refer to the detail description of the TDS segment).
>
> - SAC (summary level) - For the SAC02 element, VW requires the vendor to use one of the qualifying values listed (reference the last page of this document).

810 CONTROL SEGMENTS

Segment: ISA Control Segment
Level: Interchange Envelope
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
ISA01	I01	**Authorization Information Qualifier** **00** No authorization information is present	**M ID 2/2**
ISA02	I02	**Authorization Information** **Blank** not used	**M AN 10/10**
ISA03	I03	**Security Information Qualifier** **00** No authorization information is present	**M ID 2/2**
ISA04	I04	**Security Information** **Blank** not used	**M AN 10/10**
ISA05	I05	**I/C Sender ID Qualifier** Code that qualifies your network ID	**M ID 2/2**
ISA06	I06	**I/C Sender ID** Your network ID	**M AN 15/15**
ISA07	I07	**I/C Receiver ID Qualifier** **12**	**M ID 2/2**
ISA08	I08	**I/C Receiver ID** **8003473765**	**M AN 15/15**
ISA09	I09	**I/C Date (System Generated)** Date expressed as YYMMDD	**M DT 6/6**
ISA10	I10	**I/C Time (System Generated)** Time expressed in 24-hour clock time as follows: HHMM	**M TM 4/4**
ISA11	I11	**Interchange Standards ID** Interchange Control Standards Identifier **U** U.S. EDI Community of ASC X12, TDCC, and UCS are the responsible agencies for control structure	**M ID 1/1**
ISA12	I12	**I/C Version ID** Interchange Control Version Number **00401**	**M ID 5/5**
ISA13	I13	**I/C Control Number (System Generated)**	**M NO 9/9**
ISA14	I14	**Acknowledgement Request (TA1)**	**M ID 1/1**

Segment: ISA Control Segment (Continued)
Level: Interchange Envelope
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
ISA15	**I15**	**Test Indicator** **P** indicates data being sent/received is production data **T** indicates data being sent/received is test data	**M ID 1/1**
ISA16	**I16**	**Sub-Element Separator**	**M AN 1/1**

Segment: GS Control Segment
Level: Group Envelope
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
GS01	479	**Functional ID** Identifies what is contained within the functional group **IN** Invoices 810	**M ID 2/2**
GS02	142	**Application Sender ID** Your network ID	**M AN 2/15**
GS03	124	**Application Receiver ID** **8003473765**	**M AN 2/15**
GS04	373	**Group Date (System Generated)** Date expressed as CCYYMMDD	**M DT 8/8**
GS05	337	**Group Time (System Generated)** Time expressed in 24-hour clock time as follows: HHMM	**M TM 4/4**
GS06	28	**Group Control Number (System Generated)**	**M NO 1/9**
GS07	455	**Responsibility Agency Code** **X** Accredited Standards committee X12	**M ID 1/2**
GS08	480	**Version-Release-Association** **004010VICS**	**M AN 1/12**

VICS EDI 810 Invoice

Introduction

FUNCTIONAL GROUP ID = IN

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.

	SEG ID	NAME	REQ. DES	MAX USE	LOOP REPEAT
Header	**ST**	Transaction Set Header	M	1	
	BIG	Beginning Segment for Invoice	M	1	
	REF	Reference Identification	M	12	
	PER	Administrative Communications Contact	O	3	
	N1	Name	M	1	200
	N2	Additional Name Information	O	2	
	N3	Address Information	M	2	
	N4	Geographic Location	M	1	
	ITD	Terms of Sale/Deferred Terms of Sale	M	1	
	DTM	Date/Time Reference	O	10	
	FOB	F.O.B. Related Instructions	O	1	
Detail (item loop)	**IT1**	Baseline Item Data (Invoice)	M	1	200000
	PID	Product/Item Description	O	1	1000
	PO4	Item Physical Details	O	1	
	SAC	Service, Promotion, Allowance, Or Charge Information	O	1	
Summary (invoice)	**TDS**	Total Monetary Value Summary	M	1	
	CAD	Carrier Detail	O	1	
	SAC	Service, Promotion, Allowance, Or Charge Information	O	1	25
	ISS	Invoice Shipment Summary	O	1	1
	CTT	Transaction Totals	O	1	
	SE	Transaction Set Trailer	M	1	

Other Information:

VW is the receiver of the 810-Invoice.

The 810-Invoice is accepted but not required by VW.

Segment: ST **Transaction Set Header**
Level: Header
Usage: <mark>Mandatory</mark>
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
ST01	143	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set **810** Invoice	**M ID 3/3**
ST02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. **The sender, starting with one within each functional group sequentially assigns the number. 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.**	**M AN 4/9**

Segment: BIG **Beginning Segment for Invoice**
Level: Header
Usage: <mark>Mandatory</mark>
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmits identifying numbers and dates

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
BIG01	373	**Date** Date expressed as CCYYMMDD	**M DT 8/8**
BIG02	76	**Invoice Number** Identifying number assigned by issuer	**M AN 1/22**
BIG03	373	**Date** Date expressed as CCYYMMDD **Retailer's original purchase order date**	**M DT 8/8**
BIG04	324	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser. **VW's original purchase order number –** must be 8 digits – 99999999. <mark>**NO ALPHA CHARACTERS.**</mark> VW REQUIRED VALUE. ***BIG 04 value subject to VARIETY editing rejection:*** ***CANNOT EXTRACT PO#*** ***PO# NOT IN SYSTEM***	**M AN 1/22**

Segment: **REF** Reference Identification
Level: Header
Usage: Optional *(VW mandates the REF segment with REF01=IA)*
Max Use: 12
Purpose: To specify identifying information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	**Reference Identification Qualifier** Code qualifying the Reference Identification **DP** Department Number **IA** VW's internal Vendor Number	M ID 2/3
REF02	127	**Reference Identification** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. a. When REF01='DP', REF02 value should be VW's department number - 3 digit number, no alpha *(possible corresponding VARIETY 850 REF02 element)* b. When REF01='IA', REF02 value should be VW's vendor number – 6 digit number, no alpha *(possible corresponding VARIETY 850 REF02 element)* *REF02 value subject to VARIETY editing rejection (when REF01='IA'):* *INVALID VENDOR NUMBER* *VENDOR NOT IN OUR SYSTEM* *VENDOR NOT ON 810s*	C AN 1/30

*** VW requires this segment ***

Segment: PER **Administrative Communications Contact**
Level: Header
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to which administrative communications should be directed

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PER01	**366**	**Contact Function Code**	**M ID 2/2**
		Code identifying the major duty or responsibility of the person or group named	
		CR Customer Relations - **Customer service representative**	
PER02	**93**	**Name**	**O AN 1/60**
		Free-form name	
PER03	**365**	**Communication Number Qualifier**	**C ID 2/2**
		Code identifying the type of communication number	
		TE Telephone	
PER04	**364**	**Communication Number**	**C AN 1/80**
		Complete communications number including country or area code when applicable	
		NNN-NNN-NNNN (Area Code – Prefix – Number)	

*** VW requires this segment ***

Segment: N1 Name
Level: Header
Usage: Optional - *(VW mandates 2 N1 segment/loops; one defining 'RI'-remit-to and one defining 'ST'-ship-to).*

Max Use: 1 – **Loop:** 200
Purpose: To identify a party by type of organization, name, and code

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REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	**Entity Identifier Code**	**M ID 2/3**

Code identifying an organizational entity, a physical location, property or an individual
RI or RE - Remit To
        (required-810 must include complete N1 'Remit To' with Name,
        corresponding N3 Address and N4 City-State-Zip segments)
ST -   Ship To
        (required-810 must include complete N1 'Ship To' with Name,
        and values listed below for the N103 & N104 elements.

| **N102** | 93 | **Name** | **M AN 1/60** |

Free-form name (VARIETY prefers all uppercase)

| **N103** | 66 | **Identification Code Qualifier** | **M ID 1/2** |

Code designating the system/method of code structure used for Identification Code (67)
1 D-U-N-S number (no suffix)
9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

| **N104** | 67 | **Identification Code** | **M AN 2/80** |

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.

 D-U-N-S+4 is 006996854????
                         ???? = 9001 – Henderson NC warehouse/distribution center
                         ???? = 9002 – Newnan GA warehouse/distribution center
                         ???? = 9006 – Henderson NC Return Center
                         ???? = 9007 – Newnan GA Repack
                         ???? = can be store # value from 850 document

When N101='ST', populate the N104 value with the applicable VW D-U-N-S+4 value
(corresponding VARIETY 850 N104 element)
N104 value subject to VARIETY editing rejection (when N101='ST'):
  NO VALID D-U-N-S+4

(Note: In order to avoid payment delay, the REMIT TO address needs to match what is defined in VW's system).

*** VW requires this segment ***

Segment: N2 Additional Name Information
Level: Header
Usage: Optional *(If needed to complete either of the N1 loops; the N2 segment-N201 element can be used).*
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N201	93	**Name** Free form name (VARIETY prefers all uppercase)	**M AN 1/60**
N202	93	**Name** Free form name (VARIETY prefers all uppercase)	**O AN 1/60**

(Note: In order to avoid payment delay, the REMIT TO address needs to match what is defined in VW's system).

*** VW requires this segment ***

Segment: N3 Address Information
Level: Header
Usage: Optional *(when N101 element ='RI' or 'RE', VW requires this segment with N301 element populated).*
Max Use: 2
Purpose: To specify the location of the named party

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N301	166	**Address Information** Address information (VARIETY prefers all uppercase)	**M AN 1/55**
N302	166	**Address Information** Address information (VARIETY prefers all uppercase)	**O AN 1/55**

(Note: In order to avoid payment delay, the REMIT TO address needs to match what is defined in VW's system).

*** VW requires this segment ***

<mark>*** VW requires this segment ***</mark>

Segment: N4 Geographic Location
Level: Header
Usage: Optional <mark>*(when N101 element='RI' or 'RE', VW requires this segment with N401, N402, & N403 elements populated).*</mark>
Max Use: 1
Purpose: To specify the geographic place of the named party

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N401	**19**	**City Name** Free-form text for city name (VARIETY prefers all uppercase)	**M AN 2/30**
N402	**156**	**State or Province Code** Code (Standard State/Province) as defined by appropriate government agency (VARIETY prefers all uppercase)	**M ID 2/2**
N403	**116**	**Postal Code** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**M ID 3/15**

(Note: In order to avoid payment delay, the REMIT TO address needs to match what is defined in VW's system).

<mark>*** VW requires this segment ***</mark>

Segment: ITD Terms of Sale/Deferred Terms of Sale
Level: Header
Usage: Optional – *VW requires this segment*
Max Use: 1
Purpose: To specify terms of sale

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
ITD01	336	**Terms Type Code** Code identifying type of payment terms **14** Previously agreed upon	M ID 2/2
ITD02	333	**Terms Basis Date Code** Code identifying the beginning of the term's period **3** Invoice Date	M ID 1/2
ITD03	338	**Terms Discount Percent** Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date.	M R 1/6
ITD04	370	**Terms Discount Due Date** Date payment is due if discount is to be earned expressed in format CCYYMMDD	C DT 8/8
ITD06	446	**Terms Net Due Date** Date when total invoice amount becomes due expressed in format CCYYMMDD	O DT 8/8
ITD08	362	**Terms Discount Amount** Total amount of term's discount	O N2 1/10
ITD12	352	**Description** A free-form description to clarify the related data elements and their content	O AN 1/80
ITD14	107	**Payment Method Code** Code identifying type of payment procedures **L** Letter of Credit (Imports Only)	O ID 1/2

*** VW requires this segment ***

Segment: DTM Date/Time Reference
Level: Header
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates and times

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
DTM01	**374**	**Date/Time Qualifier** Code specifying type of date or time, or both date and time **007** Effective **For terms** **-Or-** **011** Shipped	**M ID 3/3**
DTM02	**373**	**Date** Date expressed as CCYYMMDD	**C DT 8/8**

Segment: FOB F.O.B. Related Instructions
Level: Header
Usage: Optional
Max Use: 1
Purpose: To specify transportation instructions relating to shipment

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
FOB01	146	**Shipment Method of Payment** Code identifying payment terms for transportation charges **DF** Defined by Buyer and Seller	**M ID 2/2**
FOB02	309	**Location Qualifier** Code identifying type of location **OR** Origin (Shipping Point)	**C ID 1/2**
FOB03	352	**Description** A free-form description to clarify the related data elements and their content. **Free-form name of transportation responsibility location**	**O AN 1/80**

<mark>*** VW requires this segment ***</mark>

Segment: IT1 Baseline Item Data (Invoice)
Level: Detail
Usage: <mark>Mandatory</mark>
Max Use: 1 – **Loop:** 200000
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
IT101	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	**O AN 1/20**
IT102	358	**Quantity Invoiced**	**C R 1/10**
IT103	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken from original purchase order. **EA** Eaches **CA** Cases *(for CA, see further details on segment PO4)* *IT103 value subject to VARIETY editing rejection:* *CASE QUANTITES WITH NO PO4*	**C ID 2/2**
IT104	212	**Unit Price** Cost per unit of product, service, commodity, etc. *(due to the fact that VW's system carries a maximum of 3 decimal positions, discrepancies may occur between invoice amounts and purchase order amounts)*	**C R 1/17**
IT105	639	**Basis of Unit Price Code** Code identifying the type of unit price for an item **NC** No Charge or **TE** Contract Price per Unit	**O ID 2/2**
*IT106	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number in Product/Service ID (234) **IT** Buyer's Style Number – <mark>(required by Variety)</mark> or **CB** (value acceptable)	**C ID 2/2**

*IT107	234	**Product/Service ID**
		Identifying number for a product or service
		VW Item/SKU Number 999999999 – 9 digits, no alpha <mark>(required by Variety)</mark>
		IT107 value subject to VARIETY editing rejection:
		   CANNOT EXTRACT SKU#
		   SKU NOT IN SYSTEM
		   SKU NOT FOR VENDOR
		   SKU NOT ON PO
			C AN 1/48

*IT108	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number in Product/Service ID (234) **VA** Vendor's Style Number	**C ID 2/2**
*IT109	234	**Product/Service ID** Identifying number for a product or service Vendor Item Code/Style Number	**C AN 1/48**
*IT110	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number in Product/Service ID (234) **VE** Vendor Color	**C ID 2/2**
*IT111	234	**Product/Service ID** Identifying number for a product or service - *(assigned by vendor).*	**C AN 1/48**

*FYI – If VARIETY sends you an 850-purchase order, you can feasibly turn around the values that are qualified and included in our 850 as follows: **IT** IT106 = our 850's PO106 element; IT107 = our 850's PO107 element value; **VA** IT108 = our 850's PO110 element; IT109 = our 850's PO111 element value.

<mark>*** VW requires this segment ***</mark>

Segment: IT1 Baseline Item Data (Invoice) *continued*
Level: Detail
Usage: <mark>Mandatory</mark>
Max Use: 1 **Loop:** 200000
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
IT112	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number in Product/Service ID (234) **SZ** Vendor Alphanumeric Size Code (NRMA)	C ID 2/2
IT113	234	**Product/Service ID** Identifying number for a product or service **This is the code assigned by the vendor.**	C AN 1/48
* IT114	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number in Product/Service ID (234) **UP** U.P.C. Consumer Package Code (1-5-5-1)	C ID 2/2
* IT115	234	**Product/Service ID** Identifying number for a product or service **This is the code assigned by the vendor.** **UPC 1-5-5-1** (12 digit)	C AN 1/48
** IT116	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number n Product/Service ID (234) **EN** European Article Number (EAN) (2-5-5-1)	C ID 2/2
** IT117	234	**Product/Service ID** Identifying number for a product or service **This is the code assigned by the vendor.** **EN 2-5-5-1** (13 digit)	C AN 1/48

* If VW includes in the 850-purchase order segment PO1, element 08='UP' & element 09=12 digit UPC code – include that data here in the IT114 & IT115. When providing IT114 & IT115, omit IT116 & IT117.

** If VW includes in the 850-purchase order segment PO1, element 16='EN' & element 17=13 digit EAN code – include that data here in the IT116 & IT117. When providing IT116 & IT117, omit IT114 & IT115.

Segment: PID Product/Item Description
Level: Detail
Usage: Optional
Max Use: 1 – **Loop:** 1000
Purpose: To describe a product or process in coded or free form format

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PID01	**349**	**Item Description Type** Code indicating the format of a description **F** Free form. **The description will be found in PID05.**	**M ID 1/1**
PID02	**750**	**Product/Process Characteristic Code** Code identifying the general class of a product or process characteristic **08** Product	**O ID 2/3**
PID03	**559**	**Agency Qualifier Code** Code identifying the agency assigning the code values **VI** Voluntary Inter-Industry Commerce Standard (VICS) EDI	**C ID 2/2**
PID05	**352**	**Description** A free-form description to clarify the related data elements and their content From original purchase order	**C AN 1/80**

Segment: PO4 Item Physical Details
Level: Detail
Usage: Optional <mark>(VW requires this segment if items are invoiced in CASES (when IT103 = CA)).</mark>
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
PO401	356	**Pack**	**O N0 1/6**
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
PO414	810	**Inner Pack**	**O N0 1/6**
		Number of units in each selling pack	

<mark>PO414 element required if PO401 contains inner containers.</mark>

FYI - There are two SACs, detail and summary.

Segment: SAC Service, Promotion, Allowance, or Charge Information
Level: <mark>Detail - (this SAC applies to individual *item*.)</mark>
Usage: Optional
Max Use: 25
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
SAC01	**248**	**Allowance or Charge Indicator** Code which indicates an allowance or charge for the service specified **A** Allowance **C** Charge **N** No Allowance or Charge	**M ID 1/1**
SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code** Code identifying the service, promotion, allowance, or charge *Preferred values for SAC02 element:* <mark>**C000**</mark>*-defective allowance;* <mark>**F800**</mark>*-promotional allowance;* <mark>**F340**</mark>*-pick up;* <mark>**I410**</mark>*-unsaleable;* <mark>**D270**</mark>*-fuel surcharge* (list of VWs acceptable codes on last page of this document) ***SAC02 value subject to VARIETY editing rejection:*** ***INVALID ALLOWANCE CD*** ***FREIGHT NOT ALLOWED***	**C ID 4/4**
SAC05	**610**	**Amount** Monetary amount. **When SAC01 contains code A or code C, then this data element is required.**	**O N2 1/15**
SAC12	**331**	**Allowance or Charge Method of Handling Code** 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.**	**O ID 2/2**
SAC15	**352**	**Description** A free-form description to clarify the related data elements and their content.	**C AN 1/80**

See list of VWs acceptable SAC02 values on the last page of this document.

TDS segment - subject to VARIETY editing rejection:
*   TDS SEGMENT OMITTED*
*   INV TOTL OVER TOLRNCE*

Segment: TDS Total Monetary Value Summary
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
TDS01	**610**	**Amount** Monetary amount Total Invoice Amount *TDS01 value subject to VARIETY editing rejection:* *ZERO TOTAL INVOICE*	**M N2 1/15**
TDS02	**610**	**Amount** Monetary amount Amount Subject to Terms	**M N2 1/15**
TDS03	**610**	**Amount** Monetary amount Discounted Amount (based on TDS02 value)	**M N2 1/15**
TDS04	**610**	**Amount** Monetary amount Terms Discount Amount	**M N2 1/15**

To avoid confusion over the TDS segment, here are some examples (using values) that will pass VW editing.
Using a purchase order's merchandise total of $2335.04:

1. With no Discount & no Allowance . . . . TDS*233504*233504*233504*0~
2. with 1% Discount . . . . TDS*233504*233504*231169*2335~
3. with 2% Defective Allowance (SAC02 = C000) TDS*228834*233504*228834*00~
4. with 1% Discount & 2% Allowance . . . . TDS*228834*233504*226499*2335~
   VW takes discount based on TDS02 (total invoice amount) before the SAC Allowance is applied.

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

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
CAD01	91	**Transportation Method/Type Code** Code specifying the method or type of transportation for the shipment **H** Customer Pickup **M** Motor (Common Carrier) **U** Private Parcel Service	O ID 1/2
CAD03	207	**Equipment Number** Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	O AN 1/10
CAD04	140	**Standard Carrier Alpha Code** Standard Carrier Alpha Code	C ID 2/4
CAD05	387	**Routing** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C AN 1/35

FYI - There are two SACs, detail and summary.

Segment: SAC Service, Promotion, Allowance, or Charge Information
Level: <mark>Summary</mark> – (this SAC applies to the *invoice*.)
Usage: Optional
Max Use: 1 - **Loop:** 25
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
SAC01	**248**	**Allowance or Charge Indicator** Code which indicates an allowance or charge for the service specified **A** Allowance **C** Charge **N** No Allowance or Charge	**M ID 1/1**

SAC02	**1300**	**Service, Promotion, Allowance, or Charge Code**
		 Code identifying the service, promotion, allowance, or charge
		 Preferred values for SAC02 element: <mark>**C000**</mark>-*defective allowance;*
		 <mark>**F800**</mark>-*promotional allowance;* <mark>**F340**</mark>-*pick up;* <mark>**I410**</mark>-*unsaleable;*
		 <mark>**D270**</mark>-*fuel surcharge* (list of VWs acceptable codes on last page of this document)
		 SAC02 value subject to VW editing rejection:
		    INVALID ALLOWANCE CD
		    FREIGHT NOT ALLOWED
			C ID 4/4

SAC05	**610**	**Amount** Monetary amount. **When SAC01 contains code A or code C, then this data element is required.**	**O N2 1/15**
SAC12	**331**	**Allowance or Charge Method of Handling Code** 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.**	**O ID 2/2**

See list of VWs acceptable SAC02 values on the last page of this document.

Segment: ISS Invoice Shipment Summary
Level: Summary
Usage: Optional
Max Use: 1 – **Loop:** 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** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set. Quantity shipped	**C R 1/10**
ISS02	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **EA** Eaches **CA** Cases	**C ID 2/2**
ISS03	**81**	**Weight** Numeric value of weight in pounds	**C R 1/10**
ISS04	**355**	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **LB** Pounds	**C ID 2/2**

Segment: CTT Transaction Totals
Level: Summary
Usage: Optional
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
CTT01	**354**	**Number of Line Items** Total number of line items in the transaction set. **The number of IT1 segments present in the transaction set**	**M N0 1/6**

Segment: SE Transaction Set Trailer
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
SE01	96	**Number of Included Segments**	**M N0 1/10**
		Total number of segments included in a transaction set including ST and SE segments	
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 is in the ST segment (ST02) for the transaction set.**	

VWs ACCEPTABLE SAC02 VALUES

A260 – Advertising Allowance
A400 – Non-performance Allowance
A530 – Basic Reorder Allowance
A770 – Buyers Car Allowance
A930 – Carrier Credit Allowance
B210 – Co-op Credit
B320 – Competitive Allowance
B370 – Concession Money
B560 – Container Allowance
B630 – Container/Trailer Allowance
B720 – Advertising/Merchandising Allowance
B770 – Cost recovery/adjustment
B850 – Customer Equipment Allowance
B950 – Damaged Merchandise
B998 – Deduct to Make Market Value
C000 – **Defective Allowance**
C290 – Discount Service Option (Pickup)
C300 – Discount – Special
C310 – Discount
C320 – Display Allowance
C540 – Early Buy Allowance
C550 – Early Payment Allowance
C560 – Early Ship Allowance
D170 – Free Goods
D240 – **Freight**
D250 – Freshness/Leaker Allowance
D270 – Fuel Surcharge
D290 – Full Truckload Allowance
D350 – Goods & Services Credit Allowance

E065 – Invoice Adjustment
E069 – Invoice No-Charge Amount
E160 – Label Allowance
E710 – New Discount
E720 – New Distribution Allowance
E730 – New Item Allowance
E740 – New Store Allowance
E750 – New Store Discount
E760 – New Warehouse Discount
E770 – New Warehouse
E800 – No Return Credit Allowance
F340 – Pick/Up
F570 – Prepaid Usage Allowance
F670 – Price and Marketing Allowance
F680 – Price Deviation
F800 – **Promotional Allowance**
G170 – Redistribution Allowance
G440 – Resellers Discount
G590 – Salvage
G880 – Shrinkage Allowance
G890 – Single Invoice Allowance
H000 – Special Allowance
H970 – Terms Allowance
I010 – Third Party Allowance
I030 – Throughput Allowance
I070 – Tobacco Products Report Charge
I310 – Truckload Discount
I410 – Unsaleable Merchandise Allowance

BOLD – most commonly used