

Introduction

This document provides all current and future VW EDI Trading Partners with mapping guidelines for the 856-Ship Notice. 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 856 is received.

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.

NOTE:

For VW, the 856 document is a part of the **VMI** process. VW does not use the 856 in a traditional EDI relationship. The 856 document is not required or expected in reply to our 850-purchase order.

856 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	DATA		
DES	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 SH Ship Notice/Manifest 856	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 856 Ship Notice/Manifest

Introduction

	SEG ID	NAME	REQ. DES	MAX USE	LOOP REPEAT
Header	ST	Transaction Set Header	M	1	
	BSN	Beginning Segment for Ship Notice	M	1	
Detail Shipment	HL	Hierarchical Level	M	1	200000
	TD1	Carrier Details (Quantity and Weight)	O	20	
	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
	TD3	Carrier Details (Equipment)	O	12	
	REF	Reference Identification	O	>1	
	DTM	Date/Time Reference	O	10	
	N1	Name	O	1	200
Detail Order	HL	Hierarchical Level	M	1	200000
	PRF	Purchase Order Reference	O	1	
	TD1	Carrier Details (Quantity and Weight)	O	1	
	REF	Reference Identification	O	>1	
	N1	Name	O	1	
Detail Item	HL	Hierarchical Level	M	1	
	LIN	Item Identification	O	1	
	SN1	Item Detail (Shipment)	O	1	
Detail Pack	HL	Hierarchical Level	M	1	
	MAN	Marks and Numbers	O	>1	
Summary	CTT	Transaction Totals	O	1	
	SE	Transaction Set Trailer	M	1	

Segment: **ST** Transaction Set Header

Level: Header

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
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 856 Ship Notice/Manifest	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: **BSN** Beginning Segment for Ship Notice

Level: Header

Usage: Mandatory

Max Use: 1

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
BSN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
BSN02	396	Shipment Identification A unique control number assigned by the original shipper to identify a specific shipment	M AN 2/30
BSN03	373	Date Date expressed as CCYYMMDD	M DT 8/8
BSN04	337	Time Time expressed in 24-hour clock time as follows: HHMM.	M TM 4/8
BSN05	1005	Hierarchical Structure Code Code indicating the hierarchical application structure of a transaction set that utilizes the HL segment to define the structure of the transaction set. 0001 Shipment, Order, Packaging, Item – Pick and Pack Structure 0002 Shipment, Order, Item, Packaging - Standard Carton Pack Structure	O ID 4/4

Segment: HL Hierarchical Level

Level: Detail - Shipment

Usage: Mandatory – **Loop:** 200000

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure. The value for this level (shipment) is 1.	M AN 1/12
HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure S Shipment	M ID 1/2

Segment: TD1 Carrier Details (Quantity and Weight)

Level: Detail - Shipment

Usage: Optional

Max Use: 20

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
TD101	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form CTN Carton CTN25 Corrugated or Solid Carton	O AN 3/5
TD102	80	Lading Quantity Number of units (pieces) of the lading commodity. The number of packages in the shipment as described in TD101	C N0 1/7
TD106	187	Weight Qualifier Code defining the type of weight G Gross Weight	O ID 1/2
TD107	81	Weight Numeric value of weight in pounds.	C R 1/10
TD108	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: TD5 Carrier Details (Routing Sequence/Transit Time)

Level: Detail - Shipment

Usage: Optional

Max Use: 12

Purpose: To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
TD502	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent (VW's Traffic Department)	C ID 1/2
TD503	67	Identification Code Code identifying a party or other code (Carrier Code)	C AN 2/80
TD510	732	Transit Time Direction Qualifier Code specifying the value of time used to measure the transit time CD Calendar Days (Includes weekends and Holidays) HO Hours	O ID 2/2
TD511	733	Transit Time The numeric amount of transit time. Transit time is based on the ship date and time in the DTM segment.	C R 1/4

Segment: TD3 Carrier Details (Equipment)**Level:** Detail - Shipment**Usage:** Optional**Max Use:** 12**Purpose:** To specify transportation details relating to the equipment used by the carrier**Data Element Summary**

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
TD301	40	Equipment Description Code Code identifying type of equipment used for shipment TL Trailer (not otherwise specified)	C ID 2/2
TD302	206	Equipment Initial Prefix or alphabetic part of an equipment unit's identifying number	O AN 1/4
TD303	207	Equipment Number Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) Trailer ID Number	C AN 1/10

Segment: **REF** Reference Identification

Level: Detail - Shipment

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification BM Bill of Lading Number CN Carrier's Reference Number (PRO/Invoice)	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 Bill of Lading or Pro Number	C AN 1/30

**** VW REQUIRES THIS SEGMENT ****

Segment: DTM Date/Time Reference

Level: Detail - Shipment

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Data Element Summary

REF	DATA		
DES	ELEMENT	NAME	ATTRIBUTES
DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 011 Shipped 068 Current Schedule Ship 067 Current Schedule Delivery	M ID 3/3
DTM02	373	Date Date expressed as CCYYMMDD	C DT 8/8

**** VW REQUIRES THIS SEGMENT ****

**** VW REQUIRES THIS SEGMENT ****

Segment: N1 Name

Level: Detail - Shipment

Usage: Optional – **Loop:** 200

Max Use: 1

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

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To	M ID 2/3
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	C ID 1/2
N104	67	Identification Code Code identifying a party or other code VW's Dunn's Number: 006996854???? ????=9001 main warehouse/distribution ctr ????=can be store number value ????=can be blank	C AN 2/80

**** VW REQUIRES THIS SEGMENT ****

Segment: HL Hierarchical Level

Level: Detail - Order

Usage: Mandatory – **Loop:** 200000

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M AN 1/12
HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12
HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure O Order	M ID 1/2

**** VW REQUIRES THIS SEGMENT ****

Segment: PRF Purchase Order Reference

Level: Detail - Order

Usage: Optional

Max Use: 1

Purpose: To provide reference to a specific purchase order

Data Element Summary

REF	DATA		
DES	ELEMENT	NAME	ATTRIBUTES
PRF01	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser. Retailer's original purchase order number (VW's Purchase order Number).	M AN 1/22
PRF04	373	Date Date expressed as CCYYMMDD - Retailer's original purchase order date	O DT 8/8

**** VW REQUIRES THIS SEGMENT ****

Segment: TD1 Carrier Details (Quantity and Weight)

Level: Detail - Order

Usage: Optional

Max Use: 20

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
TD101	103	Packaging Code Code identifying the type of packaging; Part 1: Packaging Form CTN Carton CTN25 - Or - PLT Pallet	O AN 3/5
TD102	80	Lading Quantity Number of units (pieces) of the lading commodity	C NO 1/7

Segment: **REF** Reference Identification

Level: Detail - Shipment

Usage: Optional

Max Use: >1

Purpose: To specify identifying information

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification IV Invoice 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 Invoice Number	C AN 1/30

Segment: **N1** Name

Level: Detail - Order

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
N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	M ID 2/3
N103	66	Identification Code Qualifier 92 Assigned by Buyer or Buyer's Agent	C ID 1/2
N104	67	Identification Code Code identifying a party or other code VW's Store Number	C AN 2/80

Segment: **HL** Hierarchical Level

Level: Detail - Item

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M AN 1/12
HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12
HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure I Item	M ID 1/2

Segment: LIN Item Identification

Level: Detail - Item

Usage: Optional

Max Use: 1

Purpose: To specify basic item identification data

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
LIN01	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
LIN02	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) IT Buyer's Style Number	M ID 2/2
LIN03	234	Product/Service ID Identifying number for a product or service VW's Item/SKU Number 999999999	M AN 1/48
LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VA Vendor's Style Number	C ID 2/2
LIN05	234	Product/Service ID Identifying number for a product or service Vendors Item Code/Style Number	C AN 1/48
LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP U.P.C. Consumer Package Code (1-5-5-1)	C ID 2/2
LIN07	234	Product/Service ID Identifying number for a product or service UPC 1-5-5-1	C AN 1/48

Segment: **SN1** Item Detail (Shipment)

Level: Detail - Item

Usage: Optional

Max Use: 1

Purpose: To specify line-item detail relative to shipment

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
SN101	350	Assigned Identification Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	O AN 1/20
SN102	382	Number of Units Shipped Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	M R 1/10
SN103	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	M ID 2/2

Segment: **HL** Hierarchical Level

Level: Detail - Pack

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
HL01	628	Hierarchical ID Number A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	M AN 1/12
HL02	734	Hierarchical Parent ID Number Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	O AN 1/12
HL03	735	Hierarchical Level Code Code defining the characteristic of a level in a hierarchical structure P Pack	M ID 1/2

Segment: **MAN** Marks and Numbers

Level: Detail - Pack

Usage: Optional

Max Use: >1

Purpose: To indicate identifying marks and numbers for shipping containers

Data Element Summary

REF DES	DATA ELEMENT	NAME	ATTRIBUTES
MAN01	88	Marks and Numbers Qualifier Code specifying the application or source of Marks and Numbers (87) SM Shipper Assigned	M ID 1/2
MAN02	87	Marks and Numbers Marks and numbers used to identify a shipment or parts of a shipment	M AN 1/48

Segment: CTT Transaction Totals

Level: Detail - Item

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 HL segments present in the transaction set	M N0 1/6
CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	O R 1/10

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	DATA		
DES	ELEMENT	NAME	ATTRIBUTES
SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M NO 1/10
SE02	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. This must be the same number as is in the ST segment (ST02) for the transaction set.	M AN 4/9