Electronic Data Interchange
850 - Purchase Order
4010VICS
Implementation Guide

Introduction

This document provides our trading partners with detailed specifications for implementing electronic purchase order with Dick's Sporting Goods.

Dick's Sporting Goods conventions comply with those standards defined under the Voluntary Inter-Industry Communications Standard (VICS) which are published by the Uniform Code Council (UCC).

Element Usage:
- M *(Mandatory)*: Segment/element must be sent to all trading partners.
- O *(Optional)*: Segment/element may be sent to trading partners.

Element Type:
- ID *(Identifier):* An identifier data element contains a unique value from a single, predefined list of values that is maintained by ASC X12.
- AN *(String):* A string data element is a sequence of any printable characters and contains at least one non-space character. The significant characters shall be left justified. Leading spaces, when they occur, are presumed to be significant characters. In the actual data stream, trailing spaces should be suppressed.
- DT *(Date):* A date data element is used to express the standard date.
- TM *(Time):* The time data element is used express the time.
- Nn *(Numeric)* The value of a numeric data element includes an implied decimal point. It is used when the position of the decimal point within the data element is permanently fixed and is not being transmitted with the data. The representation for this data element type is Nn where "N" indicates that it is numeric and "n" indicates the number of decimal positions to the right of the implied decimal point. (N is equivalent to N0). For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeroes should be suppressed unless necessary to satisfy a minimum length requirement. The length of a numeric type data element does not include the optional minus sign.
- R *(Decimal)* A decimal data element contains an explicit decimal point and is used for numeric values that have a varying number of decimal positions. The decimal point always appears in the character stream if the decimal point is at any place other than the right end. If the value is an integer (decimal point is at the right end) the decimal point should be omitted. For negative values, the leading minus sign (-) is used. Absence of a sign indicates a positive value. The plus sign (+) should not be transmitted. Leading zeroes should be suppressed unless necessary to satisfy a minimum length requirement. The use of triad separators (for example, the commas in 1,000,000) is expressly prohibited. The length of a numeric type data element does not include the optional minus sign or decimal point.

Purchase Order Specifics

You may reference our current store and DC listing under the heading of "Store Breakdown by DC" on our website @ www.dsgfreight.com. This information should be referenced in your system. The EDI transmission will only contain the number associated with Dick's store and/or distribution center.

Also included in this packet, you will find a section detailing certain data limitations due to our current merchandising system limitations. If any of these limitations will cause any difficulties with our upcoming implementation plan, please notify our EDI Manager at your earliest convenience so that we may begin to address the issues.

Testing Procedures

Once your map has been completed and you are ready for a test, call the EDI department to be placed into parallel mode. Parallel mode means that for every order that a buyer places, both a paper copy and an EDI copy will be generated. The paper copy will continue to go to whomever at your location has received the hard copies in the past. The EDI copy will be sent to the EDI id that is specified by you. Once you are comfortable with the EDI transmissions, you may call the EDI department to be placed into production mode. Once production mode has been achieved, only EDI (no paper) will be sent going forward.

For Partners Trading Other EDI Documents with Dick's

Advance Shipping Notice: In past Advance Store Replenishment (ASR or E3) implementations, Dick's has placed one order for each store. Under this system, the vendor should generate multiple order loops (each order loop represents a unique po along with the order's store number) under one shipment. Now that Dick's has the ability to send multiple stores on one order (through the use of SDQ segments), this logic will not change. The vendor should still generate multiple order loops. The only difference is that now each po loop will have the same po number with a unique store number under one shipment.

Invoice: In past Advance Store Replenishment (ASR or E3) implementations, Dick's has placed one order for each store. Under this system, the vendor should generate one invoice for each store. Now that Dick's has the ability to send multiple stores on one order (through the use of SDQ segments), this logic will not change. The vendor should still generate one invoice per store. The only difference is that now each invoice will have the same po number with a unique store number.

Communication

Dick's Sporting Goods subcribes to the GXS Value Added Network and sends/receives according to the following schedule:

Type	Days	Frequency
Receive	Monday – Friday	Every hour on the hour and on the half hour from 1:00 - 4:30, and every hour on the hour and on the half hour from 6:00 – 22:30
Receive	Saturday – Sunday	1:00, 4:00, 7:00, 10:00, 13:00, 16:00, 19:00, 22:00
Send	Monday – Friday	Every hour on the quarter and three quarter hour from 1:15 – 4:45, and every hour on the quarter and three quarter hour from 6:15 – 22:45
Send	Saturday – Sunday	00:45, 3:45, 6:45, 9:45, 12:45, 15:45, 18:45, 21:45

Dick's Sporting Goods expects an acknowledgement for all documents to be sent w/in 24 hours.

Contacts

All technical EDI questions should be directed to:

Dick's Sporting Goods, Inc.
300 Industry Drive – RIDC Park West
Pittsburgh, PA 15275

EDI Help Desk
(f) (724) 227-3172
(e) EDI_Support@dcsg.com

Corie Schilberg – EDI Analyst
(p) (724) 273-3010
(f) (724) 227-1251
(e) corie.schilberg@dcsg.com

Dave Dragovich – EDI Coordinator
(p) (724) 273-3278
(f) (724) 227-1401
(e) dave.dragovich@dcsg.com

Patty Matzie – EDI Coordinator
(p) (724) 273-3146
(f) (724) 227-1929
(e) patricia.matzie@dcsg.com

Chris Headley – EDI Manager
(p) (724) 273-3195
(f) (724) 227-1280
(e) chris.headley@dcsg.com

Header

Detail

Summary

Appendices

Segment: **ISA Interchange Control Header**
Purpose: To start and identify an interchange of one or more functional groups and interchange-related control segments

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA01	**I01**	**Authorization Information Qualifier**	**M**	**ID**	**2/2**

Code to identify the type of information in the Authorization Information

00 No Authorization Information Present

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA02	**I02**	**Authorization Information**	**M**	**AN**	**10/10**

Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of infomation is set by the Authorization Information Qualifier (I01)

Blank

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA03	**I03**	**Security Information Qualifier**	**M**	**ID**	**2/2**

Code to identify the type of information in the Security Information

00 No Security Information Present

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA04	**I04**	**Security Information**	**M**	**AN**	**10/10**

This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifer (I03)

Blank

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA05	**I05**	**Interchange ID Qualifier**	**M**	**ID**	**2/2**

Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

01 Duns (Dun & Bradstreet)

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA06	**I06**	**Interchange Sender ID**	**M**	**AN**	**15/15**

Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element

157322272

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA07	**I07**	**Interchange ID Qualifier**	**M**	**ID**	**2/2**

Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified

01 Duns (Dun & Bradstreet)
08 UCC EDI Communications ID (Comm ID)
12 Phone (Telephone Companies)
14 Duns Plus Suffix

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ISA08	**I08**	**Interchange Receiver ID**	**M**	**AN**	**15/15**

Identification code published for the receiver

Receiver's ID

ISA09	I09	**Interchange Date** Date of the Interchange	M	DT	6/6

YYMMDD

ISA10	I10	**Interchange Time** Time of the Interchange	M	TM	4/4

HHMM

ISA11	I11	**Interchange Control Standards Identifier** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	M	ID	1/1

U U.S. EDI Community of X12, TDCC, and UCS

ISA12	I12	**Interchange Control Version Number** This version number covers the interchange control segments	M	ID	5/5

00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1

ISA13	I13	**Interchange Control Number** A control number assigned by the interchange sender	M	N0	9/9

ISA Control Number

ISA14	I14	**Acknowledgment Requested** Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1

0 No Acknowledgment Requested

ISA015	I15	**Test Indicator** Code to indicate whether data enclosed by this interchange envelope is test or production	M	ID	1/1

P Production Data
T Test Data

ISA16	I16	**Component Element Separator** Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different that the data element separator and the segment terminator	M		1/1

> Retail Industry

Segment: **GS Functional Group Header**
Purpose: To indicate the beginning of a functional group and to provide control information

Data Element Summary

REF. DES	DATA ELEMENT	NAME		ATTRIBUTES	
GS01	**479**	**Functional Identifier Code** Code identifying a group of application related transaction sets **PO** Purchase Order (850)	M	ID	2/2
GS02	**142**	**Application Sender's Code** Code identifying party sending transmission **157322272**	M	AN	2/15
GS03	**124**	**Application Receiver's Code** Code identifying party receiving transmission **Receiver's ID**	M	AN	2/15
GS04	**373**	**Date** Date of the functional group **CCYYMMDD**	M	DT	8/8
GS05	**337**	**Time** Time of the functional group **HHMM**	M	TM	4/8
GS06	**28**	**Group Control Number** Assigned number orignated and maintained by the sender **GS Control Number**	M	N0	1/9
GS07	**455**	**Responsible Agency Code** Code used in conjunction with Data Element 480 to identify the issuer of the standard **X** Accredited Standards Committee X12	M	ID	1/2
GS08	**480**	**Version / Release / Industry Identifier Code** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used **004010VICS** Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997, Version 4, Release 1, the VICS EDI subset	M	AN	1/12

Segment: **ST Transaction Set Header**
Level: Header
Loop: -----
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**	M	ID	3/3
		Code uniquely identifying a Transaction Set			
		850 Purchase Order			
ST02	**329**	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set			

The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.

Segment: **BEG Beginning Segment for Purchase Order**
Level: Header
Loop: -----
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates
Semantic: 1. BEG05 is the date assigned by the purchaser to purchase order.
Notes: If BEG02 contains code RL, then BEG04 is required. BEG03 contains the parent (blanket) purchase order number which is being released against and BEG04 contains the child (release) number.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
BEG01	**353**	**Transaction Set Purpose Code** Code identifying purpose of transaction set	M	ID	2/2
		00 Original			
BEG02	**92**	**Purchase Order Type Code** Code specifying the type of Purchase Order	M	ID	2/2
		BK Blanket Order (Parent Order) **RE** Reorder (Replenishment) **RL** Release (Child Order) **SA** Stand-alone Order			
		RE orders are generated out of Dick's ASR (E3) store replenishment system. *SA orders are created by Dick's buyers and are generally seasonal bulk orders or new store orders.* *BK & RL are used only if a vendor has been approved for parent/child orders*			
BEG03	**324**	**Purchase Order Number** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22
		Dick's original purchase order number			
BEG04	**328**	**Release Number** Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O	AN	1/30
		Dick's release against the purchase order			
BEG05	**373**	**Date** Date expressed as CCYYMMDD	M	DT	8/8
		Dick's original purchase order date			

Segment: **REF Reference Identification**
Level: Header
Loop: -----
Usage: Mandatory
Max Use: 2
Purpose: To specify identifying information
Syntax: 1. At least one of REF02 or REF03 is required.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
REF01	**128**	**Reference Identification Qualifier**	M	ID	2/3
		Code qualifying the Reference Identification			
		DP Department Number			
		IA Internal Vendor Number			
REF02	**127**	**Reference Identification**	M	AN	1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
		Reference Number			
		The DP reference number must be returned on the UCC-128 label.			
		The IA reference number must be returned to Dick's in both the 810 and the 856 documents.			
REF03	**352**	**Description**	O	AN	1/80
		A free-form description to clarify the related data elements and their content			
		The department description must be returned on the UCC-128 label.			

Segment: **PER Administrative Communications Contact**
Level: Header
Loop: -----
Usage: Optional
Max Use: 1
Purpose: To identify a person or office to whom 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			
		BD Buyer Name or Department			
PER02	**93**	**Name**	M	AN	1/60
		Free-form name			
		Buyer's Name			

Segment: **CSH Sales Requirements**
Level: Header
Loop: -----
Usage: Optional
Max Use: 1
Purpose: To specify general conditions or requirements of the sale

Data Element Summary

REF. DES	DATA ELEMENT	NAME		ATTRIBUTES	
CSH01	**563**	**Sales Requirement Code**	**M**	**ID**	**1/2**

Code to identify a specific requirement or agreement of sale

N No Back Order
Y Back Order if Out of Stock

Segment: **ITD Terms of Sale/Deferred Terms of Sales**
Level: Header
Loop: -----
Usage: Mandatory
Max Use: 1
Purpose: To specify terms of sale
Syntax: 1. If ITD03 is present, then at least one of ITD04, ITD05, or ITD13 is required.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
ITD01	**336**	**Terms Type Code** Code identifying type of payment terms **Not Used**	**O**	**ID**	**2/2**
ITD02	**333**	**Terms Basis Date Code** Code identifying the beginning of the terms period **Not Used**	**O**	**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	**O**	**R**	**1/6**
ITD04	**370**	**Terms Discount Due Date** Date payment is due if discount is to be earned **Not Used**	**C**	**DT**	**8/8**
ITD05	**351**	**Terms Discount Days Due** Number of days in the terms discount period by which payment is due if terms discount is earned	**C**	**N0**	**1/3**
ITD06	**446**	**Terms Net Due Date** Date when total invoice amount becomes due **Not Used**	**O**	**DT**	**8/8**
ITD07	**386**	**Terms Net Days** Number of days until total invoice amount is due (discount not applicable)	**M**	**N0**	**1/3**

Segment: **DTM Date/Time Reference**
Level: Header
Loop: -----
Usage: Mandatory
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax: 1. At least one of DTM02, DTM03, or DTM05 is required.
Notes: This segment is used to specify order processing dates.

Data Element Summary

REF. DES	DATA ELEMENT	NAME		ATTRIBUTES	
DTM01	**374**	**Date/Time Qualifier**	M	ID	3/3
		Code specifying type of date or time			
		001 Cancel After			
		037 Ship not Before			
		Vendor must ship within the window of the 037 and 001 dates			
DTM02	**373**	**Date**	M	DT	8/8
		Date expressed as CCYYMMDD			

Segment: **N9 Reference Identification**
Level: Header
Loop: N9   **Usage:** Optional   **Max Use:** 1
Usage: Optional
Max Use: 1
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Syntax: 1. At least one of N902 or N903 is required.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
N901	**128**	**Reference Identification Qualifier** Code qualifying the Reference Identification **AH** Agreement Number	M	ID	2/3
N902	**127**	**Reference Identification** Free-form name	C	AN	1/30

Segment: **MSG Message Text**
Level: Header
Loop: -----
Usage: Optional
Max Use: 1
Purpose: To provide a free-form format that allows the transmission of text information

Data Element Summary

REF. DES	DATA ELEMENT	NAME		ATTRIBUTES	
MSG01	**933**	**Free-Form Message Text**	**M**	**AN**	**1/264**
		Free-form message text			

Segment: **N1 Name**
Level: Header
Loop: N1   **Usage:** Mandatory   **Max Use:** 1
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax: 1. At least one of N102 or N103 is required.
         2. If either N103 or N104 is present, then the other is required.

Data Element Summary

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			
		ST Ship To			
N102	93	**Name**	C	AN	1/60
		Free-form name			
		Not Used			
N103	66	**Identification Code Qualifier**	M	ID	1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by Buyer or Buyer's Agent			
N104	67	**Identification Code**	M	AN	2/80
		Code identiying a party or other code			
		Dick's Ship To Location Number			

This location is where the vendor must physically ship. Actual address of locations can be found under our "Store Breakdown by DC" listing on our website @ www.dsgfreight.com.

Segment: **PO1 Baseline Item Data**
Level: Detail
Loop: PO1   **Usage:** Mandatory   **Max Use:** 100000
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax: 1. If PO103 is present, then PO102 is required.
           2. If PO105 is present, then PO104 is required.
           3. If either PO106 or PO107 is present, then the other is required.
           4. If either PO108 or PO109 is present, then the other is required.
Notes: For the multi-SKU case pack (otherwise known as style prepack or musical size run), PO103 will contain code CA. The use of code CA in PO103 and the presence of the SLN segments, informs the receiver to pack the cases with the SKUs and quantities in the SLN segments. The quantity in PO102 is the number of cases (physical cartons) being ordered. Each SLN segment that follows the PO1 segment, lists the UPC and the quantity of the SKU that is to be in the case. The total units in each case is the sum of the quantities in the SLN segment.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
PO101	**350**	**Assigned Identification**	M	AN	1/20
		Alphanumeric characters assigned for differentiation within a transaction set			
		Sender Assigned Counter			
PO102	**330**	**Quantity Ordered**	M	R	1/15
		Quantity ordered			
		Item Quantity or Carton Quantity if the item is a style prepack			
PO103	**355**	**Unit or Basis for Measurement Code**	M	R	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		CA Case			
		EA Each			
PO104	**212**	**Unit Price**	M	R	1/17
		Price per unit of product, service, commodity, etc.			
		Unit Cost			
		The cost 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".			
PO105	**639**	**Basis of Unit Price Code**	M	ID	2/2
		Code identifying the type of unit price for an item			
		QT Quoted			
PO106	**235**	**Product/Service ID Qualifier**	C	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)
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP U.P.C. Consumer Package Code (1-5-5-1)

PO107	**234**	**Product/Service ID**	**C**	**AN**	**12/14**

Identifying number for a product or service

Vendor UPC or EAN Code

PO108	**235**	**Product/Service ID Qualifier**	**C**	**ID**	**2/2**

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

VA Vendor's Style Number

PO109	**234**	**Product/Service ID**	**C**	**AN**	**1/48**

Identifying number for a product or service

Vendor's Style Number

Segment: **CTP Pricing Information**
Level: Detail
Loop: PO1/CTP   **Usage:** Optional   **Max Use:** >1
Usage: Optional
Max Use: 1
Purpose: To specify pricing information
Notes: This segment isn't sent if the component is part of a style prepack (musical size run).

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
CTP01	**687**	**Class of Trade Code**	M	ID	2/2
		Code indicating class of trade			
		RS Resale			
CTP02	**236**	**Price Identifier Code**	M	ID	3/3
		Code identifying pricing specification			
		RES Resale (Retail Price)			
CTP03	**212**	**Unit Price**	M	R	1/17
		Price per unit of product, service, commodicty, etc.			
		Unit Ticket Price			

Segment: **PO4 Item Physical Detail**
 Level: Detail
 Loop: PO1
 Usage: Optional
Max Use: 1
 Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item
 Notes: The segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
PO401	**356**	**Pack**	**M**	**N0**	**1/6**
		The number of inner containers per outer container			
		Dick's Case Pack			
		If casepack = 1 and item isn't a style prepack, then vendor may choose how to pack item.			
PO402	**357**	**Size**	**C**	**R**	**1/8**
		Size of supplier units in pack			
		Not Used			
PO403	**355**	**Unit of Basis for Measurement Code**	**C**	**ID**	**2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		Not Used			
PO404	**103**	**Packaging Code**	**C**	**AN**	**3/5**
		Code identifying the type of packaging			
		Not Used			
PO405	**187**	**Weight Qualifier**	**O**	**ID**	**1/2**
		Code defining the type of weight			
		Not Used			
PO406	**384**	**Gross Weight per Pack**	**C**	**R**	**1/9**
		Numeric value of gross weight per pack			
		Not Used			
PO407	**355**	**Unit of Basis for Measurement Code**	**C**	**ID**	**2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			

Not Used

PO408	**385**	**Gross Volume per Pack**	**C**	**R**	**1/9**

Numeric value of gross volume per pack

Not Used

PO409	**355**	**Unit of Basis for Measurement Code**	**C**	**ID**	**2/2**

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

Not Used

PO410	**82**	**Length**	**C**	**R**	**1/8**

Largest horizontal dimension of an object measured when the object is in the upright position

Not Used

PO411	**189**	**Width**	**C**	**R**	**1/8**

Shorter measurement of the two horizontal deimensions measured with the object in the upright position

Not Used

PO412	**65**	**Height**	**C**	**R**	**1/8**

Vertical dimension of an object measured when the object is in the upright position

Not Used

PO413	**355**	**Unit of Basis for Measurement Code**	**C**	**ID**	**2/2**

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

Not Used

PO414	**810**	**Inner Pack**	**O**	**N0**	**1/6**

The number of eaches per inner container

Number of compenents found in one inner container

Segment: **SDQ Destination Quantity**
Level: Detail
Loop: PO1
Usage: Mandatory
Max Use: 500
Purpose: To specify final destination and quantity detail
Syntax: 1. If either SDQ05 or SDQ06 is present, then the other is required.
2. If either SDQ07 or SDQ08 is present, then the other is required.
3. If either SDQ09 or SDQ10 is present, then the other is required.
4. If either SDQ11 or SDQ12 is present, then the other is required.
5. If either SDQ13 or SDQ14 is present, then the other is required.
6. If either SDQ15 or SDQ16 is present, then the other is required.
7. If either SDQ17 or SDQ18 is present, then the other is required.
8. If either SDQ19 or SDQ20 is present, then the other is required.
9. If either SDQ21 or SDQ22 is present, then the other is required.
Notes: The sum of all quantities in the SDQ segment(s), for a line item, must equal the quantity ordered in PO102.

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
SDQ01	**355**	**Unit of Basis for Measurement Code**	M	ID	2/2
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		CA Case			
		EA Each			
SDQ02	**66**	**Identification Code Qualifier**	M	ID	2/2
		Code designating the system/method of code structure used for Identification Code (67)			
		92 Assigned by Buyer or Buyer's Agent			
SDQ03	**67**	**Identification Code**	M	AN	2/80
		Code identifying a party or other code			
		Dick's Mark For Location Number			
SDQ04	**380**	**Quantity**	M	R	1/15
		Numeric value of quantity			
		Mark For Location Item Quantity or Carton Quantity if the item is a style prepack			
SDQ05	**67**	**Identification Code**	O	AN	2/80
		Code identifying a party or other code			
		Dick's Mark For Location Number			
SDQ06	**380**	**Quantity**	O	R	1/15
		Numeric value of quantity			

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

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

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

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

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

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

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

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

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

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

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

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

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

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

Code identifying a party or other code

Dick's Mark For Location Number

SDQ20	**380**	**Quantity**	**O**	**R**	**1/15**

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

SDQ21	**67**	**Identification Code**	**O**	**AN**	**2/80**

Code identifying a party or other code

Dick's Mark For Location Number

SDQ22	**380**	**Quantity**	**O**	**R**	**1/15**

Numeric value of quantity

Mark For Location Item Quantity or Carton Quantity if the item is a style prepack

Segment: **SLN Subline Item Detail**
    Level: Detail
    Loop: PO1/SLN   **Usage:** Optional   **Max Use:** 1000
    Usage: Optional
Max Use: 1
Purpose: To specify product subline detail item data
    Notes: This segment is sent if the component is part of a style prepack (musical size run).

Data Element Summary

REF. DES	DATA ELEMENT	NAME		ATTRIBUTES	
SLN01	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set **Sender Assigned Counter**	M	AN	1/20
SLN02	**350**	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set **Not Used**	O	AN	1/20
SLN03	**662**	**Relationship Code** Code indicating the relationship between entities **I** Included	M	ID	1/1
SLN04	**380**	**Quantity** Numeric value of quantity **Quantity of component found in a single prepack**	M	R	1/15
SLN05	**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** Each	M	ID	2/2
SLN06	**212**	**Unit Price** Price per unit of product, service, commodity, etc. **Unit Cost** **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".**	M	R	1/17
SLN07	**639**	**Basis of Unit Price Code** Code identifying the type of unit price for an item **Not Used**	O	ID	12/2
SLN08	**662**	**Relationship Code** Code indicating the relationship between entities	O	ID	1/1

Not Used

SLN09	**235**	**Product/Service ID Qualifier**	C	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)
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UP U.P.C. Consumer Package Code (1-5-5-1)

SLN10	**234**	**Product/Service ID**	C	AN	12/14

Identifying number for a product or service

Vendor UPC or EAN Code

SLN11	**235**	**Product/Service ID Qualifier**	C	ID	2/2

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

VA Vendor's Style Number

SLN12	**234**	**Product/Service ID**	C	AN	12/14

Identifying number for a product or service

Vendor's Style Number

Segment: **CTP Pricing Information**
Level: Detail
Loop: PO1/SLN
Usage: Optional
Max Use: 25
Purpose: To specify pricing information
Notes: This segment is sent if the component is part of a style prepack (musical size run).

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
CTP01	**687**	**Class of Trade Code** Code indicating class of trade	M	ID	2/2
		RS Resale			
CTP02	**236**	**Price Identifier Code** Code identifying pricing specification	M	ID	3/3
		RES Resale (Retail Price)			
CTP03	**212**	**Unit Price** Price per unit of product, service, commodicty, etc.	M	R	1/17
		Unit Ticket Price			

Segment: **CTT Transaction Totals**
    Level: Summary
    Loop: -----
    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		
CTT01	**354**	**Number of Line Items**	**M**	**N0**	**1/6**
		Total number of line items in the transaction set			

Number of PO1 segments present in the transaction set

Segment: **SE Transaction Set Trailer**
  Level: Summary
  Loop: -----
  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.			

Segment: **GE Functional Group Trailer**
Purpose: To indicate the end of a functional group and to provide control information

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
GE01	**97**	**Number of Transaction Sets Included**	**M**	**N0**	**1/6**

Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

The number of ST segments with the group.

GE02	**28**	**Group Control Number**	**M**	**N0**	**1/9**

Assigned number originated and maintained by the sender

This must be the same number as is in the GS segment (GS06) for the group.

Segment: **IEA Interchange Control Trailer**
Purpose: To define the end of an interchange of one or more functional groups and interchange-related control segments

Data Element Summary

REF. DES	DATA ELEMENT	NAME	ATTRIBUTES		
IEA01	**I16**	**Number of Included Functional Groups**	**M**	**N0**	**1/5**
		A count of the number of functional groups included in an interchange			
		The number of GS segments within the transmission.			
IEA02	**I12**	**Interchange Control Number**	**M**	**N0**	**9/9**
		A control number assigned by the interchange sender			
		This must be the same number as is in the ISA segment (ISA13) for the transmission.			

Data and System Limitations

1. **F.O.B. Related Instructions: (FOB)**
    The merchandising system presently employed does not provide the capability to capture F.O.B. instructions in a designated field. Currently, any special F.O.B. instructions will appear at the Header Level of the 850 purchase order transaction as an order message (MSG segment).

EDI Example – Replenishment Order

```
ISA*00*         *00*         *01*157322272    *01*001004035    *010112*0903*U*00401*000000333*0*P*>
GS*PO*157322272*001004035*20010112*0903*000000333*X*004010VICS
ST*850*0001
BEG*00*RE*617574**20010110
REF*IA*1041
REF*DP*300*Bikes
PER*BD*CHRIS HEADLEY  (EDI)
ITD***5**30**60
DTM*001*20010201
DTM*037*20010119
N9*AH*1
MSG*TEST SDQ ORDER
N1*ST**92*0051
PO1*101*22*EA*10.75*QT*UP*025725132614*VA*167524
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*2*0002*2*0003*2*0004*2*0005*2*0006*2*0007*2*0008*2*0010*2*0011*2
SDQ*EA*92*0012*2
PO1*102*22*EA*10.75*QT*UP*025725132621*VA*167524
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*2*0002*2*0003*2*0004*2*0005*2*0006*2*0007*2*0008*2*0010*2*0011*2
SDQ*EA*92*0012*2
PO1*103*22*EA*10.75*QT*UP*025725132638*VA*167524
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*2*0002*2*0003*2*0004*2*0005*2*0006*2*0007*2*0008*2*0010*2*0011*2
SDQ*EA*92*0012*2
PO1*201*2*EA*11*QT*UP*025725135615*VA*167424
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*1*0030*1
PO1*202*4*EA*11*QT*UP*025725135622*VA*167424
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*2*0030*2
PO1*203*4*EA*11*QT*UP*025725135639*VA*167424
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*2*0030*2
PO1*204*2*EA*11*QT*UP*025725135646*VA*167424
CTP*RS*RES*18.99
PO4*1
SDQ*EA*92*0001*1*0030*1
CTT*7
SE*44*0001
GE*1*000000333
IEA*1*000000333
```

EDI Example – Parent Order

```
ISA*00*          *00*          *01*157322272     *08*6122650000     *050805*1414*U*00401*000004107*0*P*>
GS*PO*157322272*6122650000*20050805*1414*000004107*X*004010VICS
ST*850*0001
BEG*00*BK*192000674**20050805
REF*IA*0062
REF*DP*300*Bikes
PER*BD*CHRIS HEADLEY  (EDI)
ITD*******60
DTM*001*20050830
DTM*037*20050808
N1*ST**92*0951
PO1*1*24*EA*130.2*QT*UP*123456786678*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*24
PO1*2*36*EA*130.2*QT*UP*123456786685*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*36
PO1*3*60*EA*130.2*QT*UP*123456786692*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*60
PO1*4*84*EA*130.2*QT*UP*123456786708*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*84
PO1*5*96*EA*130.2*QT*UP*123456786715*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*96
PO1*6*84*EA*130.2*QT*UP*123456786722*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*84
PO1*7*60*EA*130.2*QT*UP*123456786739*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*60
PO1*8*84*EA*130.2*QT*UP*123456786746*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*84
PO1*9*60*EA*130.2*QT*UP*123456786760*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0951*60
CTT*9
SE*46*0001
GE*1*000004107
IEA*1*000004107
```

EDI Example – Child Order

```
ISA*00*        *00*        *01*157322272   *08*6122650000    *050808*1430*U*00401*000004113*0*P*>
GS*PO*157322272*6122650000*20050808*1430*000004113*X*004010VICS
ST*850*0001
BEG*00*RL*192000674*192000681*20050808
REF*IA*0062
REF*DP*300*Bikes
PER*BD*CHRIS HEADLEY  (EDI)
ITD*******60
DTM*001*20050830
DTM*037*20050808
N1*ST**92*0051
PO1*1*24*EA*130.2*QT*UP*123456786678*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*24
PO1*2*36*EA*130.2*QT*UP*123456786685*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*36
PO1*3*48*EA*130.2*QT*UP*123456786692*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*48
PO1*4*60*EA*130.2*QT*UP*123456786708*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*60
PO1*5*72*EA*130.2*QT*UP*123456786715*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*72
PO1*6*72*EA*130.2*QT*UP*123456786722*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*72
PO1*7*48*EA*130.2*QT*UP*123456786739*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*48
PO1*8*60*EA*130.2*QT*UP*123456786746*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*60
PO1*9*48*EA*130.2*QT*UP*123456786760*VA*STYLEA
CTP*RS*RES*159.99
PO4*12
SDQ*EA*92*0051*48
CTT*9
SE*46*0001
GE*1*000004113
IEA*1*000004113
```

EDI Example – Style Prepack Order

The below order is asking for 10 physical cartons (cases). Each case should contain a 2-4-4-4-2 run or 16 units for a grand total of 160 units for the entire order.

```
ISA*00*        *00*        *01*157322272    *08*6122650000    *050808*1430*U*00401*000004113*0*P*>
GS*PO*157322272*6122650000*20050808*1430*000004113*X*004030VICS
ST*850*0001
BEG*00*SA*192000674**20050808
CUR*BY*USD
REF*IA*0062
REF*DP*800*Mens Outerwear
PER*BD*CHRIS HEADLEY  (EDI)
ITD*******60
DTM*001*20050830
DTM*037*20050808
N1*ST**92*0051
PO1*1*10*CA*166*QT*UP*123456786678
PO4*1*************16
SDQ*CA*0051*10
SLN*1*2*EA*10*QT*UP*123456786685*VA*STYLEA
CTP*RS*RES*19.99
SLN*2*4*EA*10*QT*UP*123456786686*VA*STYLEA
CTP*RS*RES*19.99
SLN*3*4*EA*10*QT*UP*123456786687*VA*STYLEA
CTP*RS*RES*19.99
SLN*4*4*EA*11*QT*UP*123456786688*VA*STYLEA
CTP*RS*RES*20.99
SLN*5*2*EA*11*QT*UP*123456786689*VA*STYLEA
CTP*RS*RES*20.99
CTT*1
SE*23*0001
GE*1*000004113
IEA*1*000004113
```

EDI Example – Style Prepack Order withMultiple Inner Packs

The below order is asking for 5 physical cartons (cases). Each case should 2 inner packs of a 2-4-4-4-2 run or 32 units in each case for a grand total of 160 units for the entire order.

```
ISA*00*         *00*        *01*157322272    *08*6122650000    *050808*1430*U*00401*000004113*0*P*>
GS*PO*157322272*6122650000*20050808*1430*000004113*X*004030VICS
ST*850*0001
BEG*00*SA*192000674**20050808
CUR*BY*USD
REF*IA*0062
REF*DP*800*Mens Outerwear
PER*BD*CHRIS HEADLEY  (EDI)
ITD*******60
DTM*001*20050830
DTM*037*20050808
N1*ST**92*0051
PO1*1*5*CA*332*QT*UP*123456786678
PO4*2*************16
SDQ*CA*0051*5
SLN*1*2*EA*10*QT*UP*123456786685*VA*STYLEA
CTP*RS*RES*19.99
SLN*2*4*EA*10*QT*UP*123456786686*VA*STYLEA
CTP*RS*RES*19.99
SLN*3*4*EA*10*QT*UP*123456786687*VA*STYLEA
CTP*RS*RES*19.99
SLN*4*4*EA*11*QT*UP*123456786688*VA*STYLEA
CTP*RS*RES*20.99
SLN*5*2*EA*11*QT*UP*123456786689*VA*STYLEA
CTP*RS*RES*20.99
CTT*1
SE*23*0001
GE*1*000004113
IEA*1*000004113
```

Change Log

Revision	Author	Date	Description
1.0	Chris Headley	09/22/2003	Initial copy
1.1	Chris Headley	06/05/2006	Added SLN and CTP (detail) segments for style prepacks Made CTP (header) segment optional Added CA denoting case to PO103 and SDQ01 Removed SAC segment Added UK denoting U.P.C./EAN Shipping Container Code (1-2-5-5-1) to PO106 Added REF segment denoting department number
1.2	Chris Headley	11/16/2006	Modified style prepack segments (PO102, PO104, PO414, and SDQ) to reflect physical cartons for style prepacks instead of number of style prepacks. Added po example depicting a style prepack with multiple inner packs.