SPORTS AUTHORITY.

850   Purchase Order

Structure:

This implementation guide provides you with the information you need to map The Sports Authority's (TSA) 850 Purchase Order document. The format for this guide is based on ANSI X12 and VICS standards. We have added TSA-specific information as well.

For your convenience, we have included on each page a set of columns indicating VICS standards for the segments and elements. These columns are set off by a box and are for informational use only. TSA's requirements will be identical to VICS standards with some exceptions. Please ensure you review the document thoroughly to identify these differences

A glossary of terms is located on Page 2. Segment requirements are located on Pages 3 and 4. Requirements for each element within a segment are located on the remaining pages in the order the segments appear on Pages 3 and 4. You should map all segments and elements. Required segments and elements will always be transmitted. Conditional segments and elements will be transmitted if pertinent data exists for the particular Purchase Order.

Also a sample document is at the end of the guide for your convenience.

Please email TSA's EDI department at TSAEDI@thesportsauthority.com with your contact information and documents you want to test and TSA will schedule your transaction testing. TSA's communication information is as follows:

	Production	Test
ISA Qualifier	08	12
ISA ID	6147970000	3032005050T

TSA requires Functional Acknowledgments (997) on all test and production documents using the communication ID information above, **997s must be transmitted within 24 hours of each transmission**. Your compliance with this document is mandatory; any deviations may result in reimbursement charges as outlined in the Vendor Relationship Guide. Please ensure that you have read and understand all the standards outlined in the Vendor Relationship Guide, which can be found at www.sportsauthority.com. Click the "About Us" tab and select "Logistics Information".

All mapping specifications can be found by going to the following link:
www.sportsauthority.com. Each Implementation Guide will be displayed, you can download or print any or all documents.

This document contains a total of 22 pages.

850   **Purchase Order**

Definitions:

Req – Segment/Element Usage – Indicates whether a segment or element must be used.

VICS Standards

M – Mandatory – must be used

O – Optional – may be used

C – Conditional – may be used only if other elements are used within the segment

TSA Requirements

Required – must be used

Optional – may be used

Conditional – must be used if pertinent data exists. (Example: If no items on an 810 are backordered, then IT3 is not required. If items on a different 810 are backordered, then IT3 is required.)

Type – classification of data elements

ID – Identifier – Contains a unique value from a predefined list from the standards.

AN – A sequence of any printable characters left justified.

DT – Date expressed CCYYMMDD where CC = Century, YY = Year, MM = Month and DD = Date.
(Example: 19990815 = August 15, 1999)

TM – Time expressed HHMM where HH = Hour and MM = Minute using a 24-hour clock.
(Example: 1345 = 1:45 p.m.)

Nn – Numeric data with an implied decimal point which is not transmitted where N indicates that it is numeric and n indicates the number of decimal positions to the right of the implied decimal point.
(Examples: N = N0 which indicates a whole number only. Value = 100.00, Data Stream = 100
N2 indicates a number with 2 digits to the right of the decimal point. Value = 999.99, Data Stream = 99999)

R – Numeric data with an explicit decimal point which is transmitted. (Example: Value = 100.00, Data Stream = 100.00)

Min/Max – The length of an element expressed as the minimum and maximum number of bytes.
(Example: 9/9 indicates that the data in the element must be 9 bytes long. 1/8 indicates that the data in the element can be any length up to 8 bytes, but not over 8 bytes.)

850   Purchase Order

Heading:

Pos	Id	Segment Name	VICS Standards (Informational Only)			TSA
			Req	Max Use	Repeat	Req
010	ST	Transaction Set Header	M	1		**Required**
020	BEG	Beginning Segment for Purchase Order	M	1		**Required**
030	CUR	Currency	O	1		**Required**
050	REF	Reference Identification (Department Number)	O	>1		**Required**
050	REF	Reference Identification (Vendor Number)	O	>1		**Required**
080	FOB	F.O.B. Related Instructions	O	>1		**Required**
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		**Required**
150	DTM	Date/Time Reference (Cancel After)	O	10		**Required**
150	DTM	Date/Time Reference (Delivery By)	O	10		**Required**
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		**Required**
LOOP ID - N1 (Ship To)					200	
310	N1	Name	O	1		**Required**
330	N3	Address Information	O	2		**Required**
340	N4	Geographic Location-City, State and Zip	O	>1		**Required**

Detail:

Pos	Id	Segment Name	VICS Standards (Informational Only)			TSA
			Req	Max Use	Repeat	Req
LOOP ID - PO1					100000	
010	PO1	Baseline Item Data	M	1		**Required**
LOOP ID - CTP					>1	
040	CTP	Pricing Information	O	1		**Required**
LOOP ID - PID					1000	
050	PID	Product/Item Description	O	1		**Optional**

Summary:

LOOP ID – PO4				1000		
			VICS Standards (Informational Only)			**TSA**
Pos	**Id**	**Segment Name**	**Req**	**Max Use**	**Repeat**	**Req**
090	PO4	Item Physical Details	O	>1		**Required**
LOOP ID – SDQ						
190	SDQ	Destination Quantity	O	500		**Required**
LOOP ID - CTT					1	
010	CTT	Transaction Totals	O	1		**Required**
030	SE	Transaction Set Trailer	M	1		**Required**

Notes:

1. Segment Terminator: X'15' (EBCDIC) X'0A' (ASCII)
2. Element Separator: X'5C' (EBCDIC) X'2A' (ASCII)

❑ **The SDQ segment above will only be provided if the PO is marked as "prepack" for ship to mark for (STMF) processing.**

ISA   Interchange Control Header

To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
ISA01	**I01**	**Authorization Information Qualifier**	M	ID	2/2	**2/2**	**Required**
		Code Description					
		00 No Authorization Information Present					
ISA02	**I02**	**Authorization Information**	M	AN	10/10	**10/10**	**Required**
ISA03	**I03**	**Security Information Qualifier**	M	ID	2/2	**2/2**	**Required**
		Code Description					
		00 No Security Information Present					
ISA04	**I04**	**Security Information**	M	AN	10/10	**10/10**	**Required**
ISA05	**I05**	**Interchange ID Qualifier-** *TSA's qualifier*	M	ID	2/2	**2/2**	**Required**
		All valid X12 codes may be used.					
ISA06	**I06**	**Interchange Sender ID-** *TSA's ID*	M	AN	15/15	**15/15**	**Required**
ISA07	**I05**	**Interchange ID Qualifier-** *Vendor's qualifier*	M	ID	2/2	**2/2**	**Required**
		All valid X12 codes may be used.					
ISA08	**I07**	**Interchange Receiver ID-** *Vendor's ID*	M	AN	15/15	**15/15**	**Required**
ISA09	**I08**	**Interchange Date**	M	DT	6/6	**6/6**	**Required**
		YYMMDD					
ISA10	**I09**	**Interchange Time**	M	TM	4/4	**4/4**	**Required**
		HHMM					
ISA11	**I10**	**Interchange Control Standards Identifier**	M	ID	1/1	**1/1**	**Required**
		Code Description					
		U U.S. EDI Community of ASC X12, TDCC and UCS					
ISA12	**I11**	**Interchange Control Version Number**	M	ID	5/5	**5/5**	**Required**
		Code Description					
		00401 Version 4, Release 1					
ISA13	**I12**	**Interchange Control Number**	M	N0	9/9	**9/9**	**Required**
ISA14	**I13**	**Acknowledgment Requested**	M	ID	1/1	**1/1**	**Required**
		Code Description					
		0 No Acknowledgment Requested					
ISA15	**I14**	**Usage Indicator**	M	ID	1/1	**1/1**	**Required**
		Code Description					
		P Production					
		T Test					
ISA16	**I15**	**Component Element Separator**	M		1/1	**1/1**	**Required**

GS   **Functional Group Header**

To indicate the beginning of a functional group and to provide control information

Element Summary:

			VICS Standards (Informational Only)			TSA Requirements	
Ref	**Id**	**Element Name**	Req	Type	Min/Max	**Min/Max**	**Req**
GS01	479	**Functional Identifier Code**	M	ID	2/2	**2/2**	**Required**
		Code Description PO Purchase Order					
GS02	142	**Application Sender's Code-***TSA*	M	AN	2/15	**2/15**	**Required**
GS03	124	**Application Receiver's Code-***Vendor*	M	AN	2/15	**2/15**	**Required**
GS04	373	**Date** CCYYMMDD	M	DT	8/8	**8/8**	**Required**
GS05	337	**Time** HHMM	M	TM	4/8	**4/4**	**Required**
GS06	28	**Group Control Number**	M	N0	1/9	**1/9**	**Required**
GS07	455	**Responsible Agency Code**	M	ID	1/2	**1/2**	**Required**
		Code Description X Accredited Standards Committee X12					
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12	**1/12**	**Required**
		Code Description 004010 4010VICS					

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST   **Transaction Set Header**

To indicate the start of a transaction set and to assign a control number

Example: ST*850*12345

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
ST01	**143**	**Transaction Set Identifier Code**	M	ID	3/3	**3/3**	**Required**
		Code Description					
		850 Purchase Order					
ST02	**329**	**Transaction Set Control Number**	M	AN	4/9	**4/9**	**Required**
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. Must be the same number as SE02.					

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 850 selects the Purchase Order Transaction Set).

BEG   Beginning Segment for Purchase Order

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

1. **Blanket (Bulk) Example:** BEG*00*BK***612149****20041027
2. **Release Example:** BEG*00*RL***612149*****802784***20041207
3. **Stand-alone Example:** BEG*00*SA***32149****20041027

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	2/2	Required
		Code Description 00 Original					
BEG02	92	Purchase Order Type Code	M	ID	2/2	2/2	Required
		Code Description BK Blanket Order (Quantity Firm) RL Release of Blanket Order SA Stand-alone Order					
BEG03	324	Master or Original Purchase Order Number	M	AN	1/22	1/9	Required
BEG04	328	Detail or Release or Split Purchase Order Number	O	AN	1/30	1/9	Optional
BEG05	373	Date	M	DT	8/8	8/8	Required
		CCYYMMDD					

Semantics:

1. BEG03 is the original purchase order number assigned by the purchaser (TSA).
2. **BEG04 will only be provided when there are release or split orders assigned to a bulk PO, see example 2 above.**
3. BEG05 is the PO entry date, the date the PO began to be created.

CUR   Currency

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Example: CUR*BY*USD

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
CUR01	98	Entity Identifier Code	M	ID	2/3	2/3	Required
		Code Description BY Buying Party (Purchaser)					
CUR02	100	Currency Code	M	ID	3/3	3/3	Required
		Code Description USD U.S. Dollars					

Semantics:

1. All currency will be in US dollars.

REF Reference Identification (Department Number)

To specify identifying information

Example: REF*DP* 940

Element Summary:

			VICS Standards (Informational Only)			**TSA Requirements**	
Ref	**Id**	**Element Name**	Req	Type	Min/Max	**Min/Max**	**Req**
REF01	98	**Reference Identification Qualifier**	M	ID	2/3	**2/2**	**Required**
		Code Description					
		DP Department					
REF02	100	**Reference Identification**	M	ID	1/30	**3/3**	**Required**
		TSA Department					

Semantics:

The department number **MUST** be sent back on the 810 Invoice.

REF Reference Identification (Vendor Number)

Example: REF*IA*650012

Element Summary:

			VICS Standards (Informational Only)			**TSA Requirements**	
Ref	**Id**	**Element Name**	Req	Type	Min/Max	**Min/Max**	**Req**
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	**2/2**	**Required**
		Code Description					
		IA Internal Vendor Number					
REF02	127	**Reference Identification**	C	AN	1/30	**6/6**	**Required**
		TSA Assigned Vendor Number					

Semantics:

1. The REF02 is the TSA assigned vendor (supplier) number, which identifies the supplier in all TSA systems.

FOB **F.O.B. Related Instructions**

To specify transportation instructions relating to shipment

Example: FOB*PC*OR*SHIPPING POINT
FOB*CC*OR*<blank>
FOB*DF*OR*XIAMEN—Import order

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	**2/2**	**Required**
		Code Description CC Collect DF Defined by Buyer and Seller PC Prepaid but charged to TSA PP Prepaid by vendor					
FOB02	309	**Location Qualifier**	C	ID	1/2	**1/2**	**Required**
		Code Description DE Destination OR Origin					
FOB03	352	**Description** *Free-form description of the shipping point.*	O	AN	1/80	**1/20**	**Required**

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB03 will contain a valid port city for all import orders, and default of "BLANK" or "SHIPPING POINT" for non-import orders.

ITD   Terms of Sale/Deferred Terms of Sale

To specify terms of sale

Example: **no terms discount:** ITD*02*****20040612*60*****Net 60

Example: **with terms discount:** ITD*08*3*2*20040930*60*20021030*90*44003****2% 60 NET 90

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
ITD01	**336**	**Terms Type Code**	O	ID	2/2	**2/2**	**Required**
		Code **Description**					
		2 End of Month					
		3 Fixed Date					
ITD02	**333**	**Terms Basis Date Code**	O	ID	1/2	**1/2**	**Required**
		Code **Description**					
		2 Delivery Date					
ITD03	**338**	**Terms Discount Percent**	O	R	1/6	**1/6**	**Required**
ITD04	**370**	**Terms Discount Due Date**	C	DT	8/8	**8/8**	**Required**
ITD05	**351**	**Terms Discount Days Due**	C	N0	1/3	**1/3**	**Required**
ITD06	**446**	**Terms Net Due Date**	O	DT	8/8	**8/8**	**Required**
ITD07	**386**	**Terms Net Days**	O	N0	1/3	**1/3**	**Required**
ITD08	**362**	**Terms Discount Amount**	O	N2	1/10	**1/10**	**Required**
ITD12	**352**	**Description**	O	AN	1/80	**1/80**	**Required**
		Free-form description of the terms of sale.					
ITD14	**107**	**Payment Method Code**	O	ID	1/2	**1/2**	**Required**
		Code **Description**					
		C Pay by check					

Note:

1. If no term discounts apply ITD03, ITD04 and ITD05 will not be provided.

DTM **Date/Time Reference (Cancel After)**

To specify pertinent dates and times, *specifically the date the order cancels.*

Example: DTM*001*20041106

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
DTM01	**374**	**Date/Time Qualifier**	M	ID	3/3	**3/3**	**Required**
		Code Description					
		001 Cancel After					
DTM02	**373**	**Date**	C	DT	8/8	**8/8**	**Required**
		CCYYMMDD					

Note:
1. This date specifies the date in which the order will be cancelled in TSA's system.
2. Order cannot be routed or shipped after this date.

DTM **Date/Time Reference (Delivery Requested)**

To specify pertinent dates and times, *specifically the date in which the vendor can begin to request routing*.

Example: DTM*002*20041030

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
DTM01	**374**	**Date/Time Qualifier**	M	ID	3/3	**3/3**	**Required**
		Code Description					
		002 Delivery Requested					
DTM02	**373**	**Date**	C	DT	8/8	**8/8**	**Required**
		CCYYMMDD					

Note:
1. This date specifies the beginning of the ship window; this is the date you can begin to request routing.
2. Order cannot be routed or shipped before this date.

TD5 Carrier Details (Routing Sequence/Transit Time)

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

Example: TD5 *****Refer to Route Guide

Element Summary:

			VICS Standards (Informational Only)			TSA Requirements	
Ref	**Id**	**Element Name**	Req	Type	Min/Max	**Min/Max**	**Req**
TD505	**387**	**Routing**	C	AN	1/35	**1/35**	**Required**
		Free-form description of routing instructions.					

N1 Ship To Name

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

Example: N1*ST* SPORTS AUTHORITY 684*92*684
N1*ST*GART SPORTS 890*92*890

Element Summary:

			VICS Standards (Informational Only)			TSA Requirements	
Ref	**Id**	**Element Name**	Req	Type	Min/Max	**Min/Max**	**Req**
N101	**98**	**Entity Identifier Code**	M	ID	2/3	**2/3**	**Required**
		Code Description ST Ship To					
N102	**93**	**Name-**Store/DC Description	C	AN	1/60	**1/30**	**Required**
N103	**66**	**Identification Code Qualifier**	C	ID	1/2	**1/2**	**Required**
		Code Description 92 Assigned by Buyer or Buyer's Agent					
N104	**67**	**Identification Code**	C	AN	2/80	**1/5**	**Required**
		TSA Store or Distribution Center number					

Semantics:

1. N102 can be identified as one of four of the TSA brands: Oshman's, Sportmart, Gart Sports or The Sports Authority.
2. N104 identification code must be returned in the corresponding ASN, Invoice and UCC128 label.
3. A list of stores, DCs along with their addresses can be obtained by contacting your TSA Vendor Compliance Analyst or from the EDI Department.

N3   Ship To Address Information

To specify the street address where merchandise is to be shipped.

Example: N3* 12925 MARLEY AVENUE

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
N301	166	Address Information	M	AN	1/55	1/35	Required
		Store or DC Address, line 1					
N302	166	Address Information	O	AN	1/55	1/35	Conditional
		Store or DC Address line, 2 (if necessary).					

N4   Ship To Geographic Location

To specify the city, state, zip code and country of the ship to location.

Example: N4* FONTANA*CA*92335*USA

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
N401	19	City Name	O	AN	2/30	2/20	Required
N402	156	State or Province Code	O	ID	2/2	2/2	Required
N403	116	Postal Code	O	ID	3/15	5/9	Required
		5-digit U.S. zip code or 6 character Canadian postal code					
N404	026	Country Code	O	ID	2/3	2/3	Required

Semantic:

1. N403 must contain a valid 5-digit zip code or a valid 6 character Canadian postal code.
2. N404 will always be USA unless product is destined for a location outside of the US.

PO1 Baseline Item Data

To specify basic and most frequently used line item data

Example 1: PO1**500*EA*32.54*LE*CB*027161124*UK*00703627658502
Example 2: PO1**84*EA*12*LE*CB*027161124*6201B*UK*00514987208502

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
PO102	330	**Quantity Ordered**	C	R	1/15	**1/7**	**Required**
PO103	355	**Unit or Basis for Measurement Code**	O	ID	2/2	**2/2**	**Required**
		Code Description EA Each PR Pair PK Pack					
PO104	212	**Unit Price** *Price will contain a decimal unless it is a whole number.*	C	R	1/17	**2/9**	**Required**
PO105	639	**Basis of unit Price Code**	O	ID	2/2	**2/2**	**Required**
		Code Description LE Catalog Price per Each PR Promotion QT Quoted					
PO106	235	**Product/Service ID Qualifier**	C	ID	2/2	**2/2**	**Required**
		Code Description CB Buyers Catalog Number					
PO107	234	**Product/Service ID** TSA SKU	C	AN	1/48	**1/9**	**Required**
PO108	235	**Product/Service ID Qualifier**	C	ID	2/2	**2/2**	**Required**
		Code Description UK Global Trade Item Number (GTIN)					
PO109	234	**Product/Service ID** Includes 12 digit UPC, 13 digit EAN, and 14 digit GTIN	C	AN	1/48	**1/14**	**Required**
PO110	235	**Product/Service ID Qualifier**	C	ID	2/2	**2/2**	**Conditional**
		Code Description VC Vendor's (Seller's) Part Number					
PO111	234	**Product/Service ID** Vendor part number	C	AN	1/48	**1/48**	**Conditional**
PO112	235	**Product/Service ID Qualifier**	C	ID	2/2	**2/2**	**Conditional**
		Code Description IZ Buyer's Size Code					
PO113	234	**Product/Service ID** Size	C	AN	1/48	**1/25**	**Conditional**
PO114	235	**Product/Service ID Qualifier**	C	ID	2/2	**2/2**	**Conditional**
		Code Description BO Buyers Color					
PO115	234	**Product/Service ID** Color	C	AN	1/48	**1/25**	**Conditional**
PO116	235	**Product/Service ID Qualifier** **Code Description**	C	ID	2/2	**2/2**	**Conditional**

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	**Min/Max**	**Req**
		ZZ Mutually Defined					
PO117	**234**	**Product/Service ID**	C	AN	1/48	**1/25**	**Conditional**
		Width Code for Shoe Sizes					

1. Code "VC" will only be provided when an applicable vendor part number has been loaded into the TSA system.
2. Size, color and dimensions will only be provided if information is loaded into TSA's system.

CTP   Pricing Information

To specify pricing information, suggested retail price.

Example: CTP**RES*49.99

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	**Min/Max**	**Req**
CTP02	**236**	**Price Identifier Code**	C	ID	3/3	**3/3**	**Required**
		Code **Description**					
		RES Resale					
CTP03	**212**	**Unit Price**	C	R	1/17	**1/9**	**Required**
		Suggested Retail price					

Semantics:

1.   In the CTP03, the decimal point will be expressed in this segment unless the price is a whole number; i.e. $32.00 is 32, not 32.00.

PID   Product/Item Description

To describe a product or process in coded or free-form format

Example: PID*F****CART BAG DELUXE B & C

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	**Min/Max**	**Req**
PID01	**349**	**Item Description Type**	M	ID	1/1	**1/1**	**Required**
		Code **Description**					
		F Free-form					
PID05	**352**	**Description**	C	AN	1/80	**1/80**	**Required**
		Free-form product description.					

PO4 Item Physical Details

To Specify the Physical qualities, packaging, weights, and dimensions relating to the item.

Example: PO4*6*4*EA

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
PO401	**356**	**Pack**	O	N0	1/6	**1/6**	**Required**
PO402	**357**	**Size**	C	R	1/8	**1/8**	**Required**
PO403	**355**	**Unit / Basis Measurement Code**	C	ID	2/2	**2/2**	**Required**

Semantics:

1.   PO401 is the standard or case pack quantity or multiple the item is being ordered in, i.e. case pack of tennis balls may be 6
2.   PO402 is the inner pack quantity; i.e. tennis balls may be an inner pack of 4.
3.   Most of the time these fields will be 1 and 1 unless the buyer has updated the information in TSA's system.

SDQ Destination Quantity (segment is conditional)

To specify destination and quantity detail

Example: SDQ*EA*92*671*3*673*2*682*2*687*2*691*4*733*1

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
SDQ01	**355**	**Unit or Basis for Measurement Code**	M	ID	2/2	**2/2**	**Conditional**
		Code **Description**					
		EA Each					
SDQ02	**66**	**Identification Code Qualifier**	O	ID	1/2	**1/2**	**Conditional**
		Code **Description**					
		92 Assigned by Buyer					
SDQ03	**67**	**Identification Code-***Store mark for location number*	M	AN	2/80	**2/50**	**Conditional**
SDQ04	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ05	**67**	**Identification Code-***Next store mark for location number*	M	AN	2/80	**2/50**	**Conditional**
SDQ06	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ07	**67**	**Identification Code-** *(ID code and quantity repeat a maximum of 10 times.)*	M	AN	2/80	**2/50**	**Conditional**
SDQ08	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ09	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**
SDQ10	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ11	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**
SDQ12	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ13	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**

			VICS Standards (Informational Only)			TSA Requirements	
Ref	**Id**	**Element Name**	Req	Type	Min/Max	**Min/Max**	**Req**
SDQ14	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ15	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**
SDQ16	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ17	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**
SDQ18	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ19	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**
SDQ20	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**
SDQ21	**67**	**Identification Code**	M	AN	2/80	**2/50**	**Conditional**
SDQ22	**380**	**Quantity**	M	R	1/15	**1/15**	**Conditional**

Notes:

1. The SDQ segment will only be provided if the order is marked as "prepack" in TSA's system, to be processed as ship to mark for. Ship to mark for means that the order is shipped to one location, a DC, but marked for a final destination other than the DC, a store.

2. The Identification code above will be the final destination location number, i.e. the store number.

3. The quantity above is for the specific location number preceding it; i.e. the example above location 673 is to receive 2 pieces of the ordered item found in the PO107.

CTT   **Transaction Totals**

To transmit a hash total for a specific element in the transaction set

Example: CTT*6*36

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only) Req	Type	Min/Max	TSA Requirements Min/Max	Req
CTT01	354	Number of Line Items	M	N0	1/6	1/6	Required
CTT02	347	Hash Total	O	R	1/10	1/10	Required
		Sum of values of all P0102 elements (total number of units ordered).					

SE   **Transaction Set Trailer**

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Example: SE*46*12345

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only) Req	Type	Min/Max	TSA Requirements Min/Max	Req
SE01	96	Number of Included Segments	M	N0	1/10	1/6	Required
SE02	329	Transaction Set Control Number	M	AN	4/9	4/9	Required
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set. Must be the same number as ST02.					

Comments:

1. SE is the last segment of each transaction set.

GE   Functional Group Trailer

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
GE01	**97**	**Number of Transaction Sets Included**	M	N0	1/6	**1/6**	**Required**
GE02	**28**	**Group Control Number**	M	N0	1/9	**1/9**	**Required**

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA   Interchange Control Trailer

To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

Ref	Id	Element Name	VICS Standards (Informational Only)			TSA Requirements	
			Req	Type	Min/Max	Min/Max	Req
IEA01	**I16**	**Number of Included Functional Groups**	M	N0	1/5	**1/5**	**Required**
IEA02	**I12**	**Interchange Control Number**	M	N0	9/9	**9/9**	**Required**

Example of a Sports Authority Purchase Order, (Bulk)

1 ST*850*4620006
2 BEG*00*BK*89821**20041029
3 CUR*BY*USD
4 REF*DP*966
5 REF*IA*479979
6 FOB*CC*OR*SHIPPING POINT
7 ITD*03*2****20050307*90*****NET 90**C
8 DTM*001*20041224
9 DTM*002*20041207
10 TD5*****Refer to Route Guide
11 N1*ST*GART SPORTS 899*92*899
12 N3*DO NOT SHIP
13 N4*COMMITMENT ONLY*CO*80203*USA
14 PO1**19*EA*3.07*LE*CB*000919285*UK*00051644002059
15 CTP**RES*12.99
16 PID*F****CHAMPION EYE WEAR
17 PO4*1*1*EA
18 PO1**2*EA*8.88*LE*CB*538700092*UK*00051644100014
19 CTP**RES*29.99
20 PID*F****VISION 2 EYEWEAR
21 PO4*1*1*EA
22 CTT*2
23 SE*23*4620006

Example of a Sports Authority Purchase Order, (Release)

1 ST*850*4620006
2 BEG*00*RL*89821***90588***20041206
3 CUR*BY*USD
4 REF*DP*966
5 REF*IA*479979
6 FOB*CC*OR*SHIPPING POINT
7 ITD*03*2****20050307*90*****NET 90**C
8 DTM*001*20041224
9 DTM*002*20041207
10 TD5*****Refer to Route Guide
11 N1*ST*GART SPORTS 890*92*890
12 N3*50 S. KALAMATH
13 N4*DENVER*CO*80223
14 PO1**19*EA*3.07*LE*CB*000919285*UK*00051644002059
15 CTP**RES*12.99
16 PID*F****CHAMPION EYE WEAR
17 PO4*1*1*EA
18 PO1**2*EA*8.88*LE*CB*538700092*UK*00051644100014
19 CTP**RES*29.99
20 PID*F****VISION 2 EYEWEAR
21 PO4*1*1*EA
22 CTT*2
23 SE*23*4620006

Example of a Sports Authority Purchase Order with the SDQ segment, (Prepack)

```
 1  ST*850*1520003
 2  BEG*00*SA*81532**20041201
 3  CUR*BY*USD
 4  REF*DP*950
 5  REF*IA*002924
 6  FOB*CC*OR*SHIPPING POINT
 7  ITD*02*2****20050131*60*****NET 60**C
 8  DTM*001*20041217
 9  DTM*002*20041202
10  TD5*****Refer to Route Guide
11  N1*ST*GART SPORTS 890*92*890
12  N3*50 S. KALAMATH
13  N4*DENVER*CO*80223
14  PO1**36*EA*9*LE*CB*014618682*UK*00023245100328
15  CTP**RES*17.99
16  PID*F****BRONCOS WASTEBASKET
17  PO4*6*6*EA
18  SDQ*EA*92*111*6*113*6*128*6*129*6*131*6*134*6
19  CTT*1
20  SE*20*1520003
```