

# 850 Purchase Order

Functional Group ID=**PO**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) 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 placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

## Heading:

User	Pos.	Seg.	Req.	Loop		
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>	<u>Comments</u>
M	010	ST	Transaction Set Header	M	1	
M	020	BEG	Beginning Segment for Purchase Order	M	1	
M	040	CUR	Currency	M	1	
	050	REF	Reference Identification	O	>1	
	080	FOB	F.O.B. Related Instructions	O	>1	
M	110	CSH	Sales Requirements	M	2	
LOOP ID - SAC					25	
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
M	130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1	
M	150	DTM	Date/Time Reference	M	10	
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
LOOP ID - N9					1000	
M	295	N9	Reference Identification	M	1	
M	300	MSG	Message Text	M	1000	
LOOP ID - N1					2000	
M	310	N1	Name	M	1	
	330	N3	Address Information	O	2	
	340	N4	Geographic Location	O	>1	

## Detail:

User	Pos.	Seg.	Req.	Loop		
<u>Attribute</u>	<u>No.</u>	<u>ID</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>	<u>Comments</u>
LOOP ID - PO1					100000	
M	010	PO1	Baseline Item Data	M	1	n1
LOOP ID - CTP					>1	
	040	CTP	Pricing Information	O	1	
	090	PO4	Item Physical Details	O	>1	
	190	SDQ	Destination Quantity	O	500	
LOOP ID - SLN					1000	
	470	SLN	Subline Item Detail	O	1	
	516	CTP	Pricing Information	O	25	

**Summary:**

User	Pos.	Seg.	Req.	Loop			
<u>Attribute</u>	<u>Notes and No.</u>	<u>ID</u>	<u>Name</u>	<u>Des.</u>	<u>Max.Use</u>	<u>Repeat</u>	<u>Comments</u>
			LOOP ID - CTT			1	
	010	CTT	Transaction Totals	O	1		n2
M	030	SE	Transaction Set Trailer	M	1		

**Transaction Set Notes**

1. PO102 is required.
2. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	M ID 3/3
ST02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates  
**Syntax Notes:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original 01 Cancellation 05 Replace	M ID 2/2
BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order SA Stand-alone Order	M ID 2/2
BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/purchaser Hub's 8 digit Purchase Order Number, this will always be numeric.	M AN 8/8
BEG04	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Currently not using this element, hard coded 000 in 850 map.	AN 1/3
BEG05	373	<b>Date</b> Date expressed as CCYYMMDD The date the Purchase Order was approved in Hub's system.	M DT 8/8

**Segment:** **CUR** Currency

**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax Notes:**

- 1 If CUR08 is present, then CUR07 is required.
- 2 If CUR09 is present, then CUR07 is required.
- 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
- 4 If CUR11 is present, then CUR10 is required.
- 5 If CUR12 is present, then CUR10 is required.
- 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
- 7 If CUR14 is present, then CUR13 is required.
- 8 If CUR15 is present, then CUR13 is required.
- 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
- 10 If CUR17 is present, then CUR16 is required.
- 11 If CUR18 is present, then CUR16 is required.
- 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
- 13 If CUR20 is present, then CUR19 is required.
- 14 If CUR21 is present, then CUR19 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CUR01	98	Entity Identifier Code	M ID 2/2
		Code identifying an organizational entity, a physical location, property or an individual	
		BY Buying Party (Purchaser)	
CUR02	100	Currency Code	M ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified	
		USD United StatesDollars	

**Segment:** **REF** Reference Identification  
**Position:** 050  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:**

- 1 At least one of REF02 or REF03 is required.
- 2 If either C04003 or C04004 is present, then the other is required.
- 3 If either C04005 or C04006 is present, then the other is required.

**Notes:** Hub's 6 digit internal vendor number is a mandatory element

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier	ID 2/2
		Code qualifying the Reference Identification	
		4B Shipment Origin Code	
		Country of Origin (for ticketing)	
		BT Batch Number	
		This represents the season / phase code	
		C2 Customer process specification number	
		Customer process specification (ticketing)	

C3

Customer specification number

Customer Specification (ticketing)

**REF02      127      Reference Identification      AN 1/6**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier  
 When REF01 = BT, then REF02 = Hub's Internal 6 digit batch number / Season Code  
 When REF01 = 4B, then REF02 = Country of Origin - Standard 2 digit code (Future use)  
 When REF01 = C2, then REF02 = Vendor Attribute #1 (Future use)  
 When REF01 = C3, then REF02 = Vendor Attribute #2 (Future use)

**Segment:      FOB      F.O.B. Related Instructions**  
**Position:**      080  
**Loop:**  
**Level:**      Heading  
**Usage:**      Optional  
**Max Use:**      >1  
**Purpose:**      To specify transportation instructions relating to shipment  
**Syntax Notes:**      1 If FOB03 is present, then FOB02 is required.  
                                  2 If FOB04 is present, then FOB05 is required.  
                                  3 If FOB07 is present, then FOB06 is required.  
                                  4 If FOB08 is present, then FOB09 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
FOB01	146	Shipment Method of Payment	M ID 2/2
		Code identifying payment terms for transportation charges	
		CC      Collect	
		DF      Defined by Buyer and Seller	
		PC      Prepaid but Charged to Customer	
		PP      Prepaid (by Seller)	
FOB02	309	Location Qualifier	ID 2/2
		Code identifying type of location	
		DE      Destination (Shipping)	
		OR      Origin (Shipping Point)	
FOB03	352	Description	AN 1/30
		A free-form description to clarify the related data elements and their content	
		Free form description of shipping point	
FOB04	334	Transportation Terms Qualifier Code	ID 2/2
		Code identifying the source of the transportation terms	
		01      Incoterms	
FOB05	335	Transportation Terms Code	ID 3/3
		Code identifying the trade terms which apply to the shipment transportation responsibility	
		CIF      Cost, Insurance, and Freight	
		Seller pays cost and freight to named port of destination; buyer assumes all risks of loss and damage and additional costs incurred once goods are delivered onboard the vessel; risks are assumed by the buyer when the goods pass over the rail of the ship at the port of shipment; seller must in addition procure (i.e. contract and pay for) marine	

insurance against the buyer's risk of loss or damage during shipment

FOB

Free on Board

**Segment:** **CSH** Sales Requirements  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 2  
**Purpose:** To specify general conditions or requirements of the sale  
**Syntax Notes:**  
 1 If CSH02 is present, then CSH03 is required.  
 2 If either CSH06 or CSH07 is present, then the other is required.  
 3 If either CSH09 or CSH10 is present, then the other is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CSH01	563	Sales Requirement Code	ID 1/2
		Code to identify a specific requirement or agreement of sale	
		P2 Ship As Soon As Possible	
		P3 May Preship	
		P4 Do Not Preship	

**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 120  
**Loop:** SAC  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge  
**Syntax Notes:**  
 1 At least one of SAC02 or SAC03 is required.  
 2 If either SAC03 or SAC04 is present, then the other is required.  
 3 If either SAC06 or SAC07 is present, then the other is required.  
 4 If either SAC09 or SAC10 is present, then the other is required.  
 5 If SAC11 is present, then SAC10 is required.  
 6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.  
 7 If SAC14 is present, then SAC13 is required.  
 8 If SAC16 is present, then SAC15 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SAC01	248	Allowance or Charge Indicator	M ID 1/1
		Code which indicates an allowance or charge for the service specified	
		N No Allowance or Charge	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID 4/4
		Code identifying the service, promotion, allowance, or charge	
		I060 Ticketing Service	
SAC03	559	Agency Qualifier Code	ID 2/2
		Code identifying the agency assigning the code values	
		VI Voluntary Inter-Industry Commerce Standard (VICS) EDI	

**SAC04 1301 Agency Service, Promotion, Allowance, or Charge Code AN 1/10**

Agency maintained code identifying the service, promotion, allowance, or charge

VICS Item Special Processing Code example TC020102.

Where the first 2 digits = TC (Ticketing Service)

The second 2 digts = 02 (Ticket format code will be Hang Tang)  
 <or> = 03 (Ticket format will be gummed label)

The third 2 digits = 01 (Ticket part will be 1 part ticket)

The fourth 2 digits = 02 ( Additional ticket informamtion will be in element SAC15)

**SAC15 352 Description AN 1/80**

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

Description of where the ticket is to be placed on the garment.

- Segment: ITD Terms of Sale/Deferred Terms of Sale**  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** >1  
**Purpose:** To specify terms of sale  
**Syntax Notes:**
- 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
  - 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required.
  - 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
ITD01	336	<b>Terms Type Code</b>	M ID 2/2
		Code identifying type of payment terms	
		01 Basic	
		02 End of Month (EOM)	
		14 Previously agreed upon	
ITD02	333	<b>Terms Basis Date Code</b>	M ID 1/2
		Code identifying the beginning of the terms period	
		2 Delivery Date	
ITD03	338	<b>Terms Discount Percent</b>	R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	
		Terms Discount Percentage of Sales agreement	
ITD04	370	<b>Terms Discount Due Date</b>	DT 6/6
		Date payment is due if discount is to be earned expressed in format CCYYMMDD	
		Date payment is due if dicount is to be earned	
ITD05	351	<b>Terms Discount Days Due</b>	N0 1/3
		Number of days in the terms discount period by which payment is due if terms discount is earned	

Number of days in the terms discount period.

**ITD06 446 Terms Net Due Date DT 6/6**

Date when total invoice amount becomes due expressed in format CCYYMMDD

Date when total invoice amount becomes due.

**ITD07 386 Terms Net Days N0 1/3**

Number of days until total invoice amount is due (discount not applicable)

Number of days until invoice amount is due.

**Segment: DTM Date/Time Reference**  
**Position:** 150  
**Loop:**  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 10  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:** 1 At least one of DTM02 DTM03 or DTM05 is required.  
 2 If DTM04 is present, then DTM03 is required.  
 3 If either DTM05 or DTM06 is present, then the other is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
DTM01	374	Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		001 Cancel After (PO cancellation date)	
		010 Requested Ship (Date merchandise is expected to ship from vendor.)	
		037 Ship Not Before (Do not ship merchandise before this date)	
		038 Ship No Later (Last date for merchandise to be shipped)	
DTM02	373	Date	M DT 8/8
		Date expressed as CCYYMMDD	

**Segment: TD5 Carrier Details (Routing Sequence/Transit Time)**  
**Position:** 240  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 12  
**Purpose:** To specify the carrier and sequence of routing and provide transit time information  
**Syntax Notes:** 1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.  
 2 If TD502 is present, then TD503 is required.  
 3 If TD507 is present, then TD508 is required.  
 4 If TD510 is present, then TD511 is required.  
 5 If TD513 is present, then TD512 is required.  
 6 If TD514 is present, then TD513 is required.  
 7 If TD515 is present, then TD512 is required.

**Data Element Summary**



<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD501	133	<b>Routing Sequence Code</b>	<b>ID 1/2</b>
		Code describing the relationship of a carrier to a specific shipment movement	
		1 1st Carrier after Origin Carrier	
		B Origin/Delivery Carrier (Any Mode)	
TD502	66	<b>Identification Code Qualifier</b>	<b>ID 1/2</b>
		Code designating the system/method of code structure used for Identification Code (67)	
		92 Assigned by Buyer or Buyer's Agent	
TD503	67	<b>Identification Code</b>	<b>AN 2/20</b>
		Code identifying a party or other code	
		Carriers' Company Name	
TD504	91	<b>Transportation Method/Type Code</b>	<b>ID 1/2</b>
		Code specifying the method or type of transportation for the shipment	
		A Air	
		CE Customer Pickup / Customer's Expense	
		D Parcel Post	
		E Expedited Truck	
		L Contract Carrier	
		M Motor (Common Carrier)	
		O Containerized Ocean	
		S Ocean	
		SR Supplier Truck	
		U Private Parcel Service	

**Segment:** **N9** Reference Identification  
**Position:** 295  
**Loop:** N9  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:**

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N901	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/2</b>
		Code qualifying the Reference Identification	
		VR Vendor ID Number	
N902	127	<b>Reference Identification</b>	<b>M AN 6/6</b>
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		Hub's 6 digit internal vendor number.	

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9

**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 1000  
**Purpose:** To provide a free-form format that allows the transmission of text information  
**Syntax Notes:** 1 If MSG03 is present, then MSG02 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
MSG01	933	Free-Form Message Text	M AN 1/264

Free-form message text

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1  
**Level:** Heading  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
 2 If either N103 or N104 is present, then the other is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	Entity Identifier Code	M ID 2/3

Code identifying an organizational entity, a physical location, property or an individual

BY and ST are both required.

BY	Buying Party (Purchaser)
ST	Ship To

N102	93	Name	M AN 1/35
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Free-form name

Hub Distributing Inc.

N103	66	Identification Code Qualifier	ID 2/2
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Code designating the system/method of code structure used for Identification Code (67)

92	Assigned by Buyer or Buyer's Agent
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N104	67	Identification Code	AN 3/4
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Code identifying a party or other code

This should always be 0801

**Segment:** **N3** Address Information  
**Position:** 330  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**

**Data Element Summary**

<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N301	166	Address Information	AN 1/35
		Address information	
		5100 Shea Center Drive	
N302	166	Address Information	AN 1/55
		Address information	
		PO Box 5996	

**Segment:** N4 Geographic Location  
**Position:** 340  
**Loop:** N1  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N401	19	City Name	AN 2/30
		Free-form text for city name	
		Ontario	
N402	156	State or Province Code	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
		CA	
N403	116	Postal Code	ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
		917617834	
N404	26	Country Code	ID 2/2
		Code identifying the country	
		US	

**Segment:** PO1 Baseline Item Data  
**Position:** 010  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To specify basic and most frequently used line item data  
**Syntax Notes:**

- 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.
- 5 If either PO110 or PO111 is present, then the other is required.
- 6 If either PO112 or PO113 is present, then the other is required.
- 7 If either PO114 or PO115 is present, then the other is required.
- 8 If either PO116 or PO117 is present, then the other is required.
- 9 If either PO118 or PO119 is present, then the other is required.
- 10 If either PO120 or PO121 is present, then the other is required.
- 11 If either PO122 or PO123 is present, then the other is required.
- 12 If either PO124 or PO125 is present, then the other is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set The line item number within this PO Transaction Set.	M AN 1/20
PO102	330	<b>Quantity Ordered</b> Quantity ordered The quantity ordered by Hub Distributing Inc. In the case of prepacks (below), this quantity is the number of prepacks ordered, not the total number of units.	M R 1/9
PO103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each PK Package	M ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. The price in U.S. dollars for each line item unit. the price is sent with the decimal pint only when needed. Example \$13.50 would be sent as 13.5, while \$13.00 would be sent as 13.	M R 1/17
PO105	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item WE Wholesale Price per Each	M ID 2/2
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) IN Buyer's Item Number IZ Buyer's Size Code	M ID 2/2
PO107	234	<b>Product/Service ID</b> Identifying number for a product or service When PO106 = IN, then PO107 will be Hub's 10 digit Prepack ID. When PO106 = IZ, then the PO107 will be Hub's 8 digit Size Description.	M AN 1/10
PO108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) CB Buyer's Catalog Number	M ID 2/2
PO109	234	<b>Product/Service ID</b> Identifying number for a product or service When PO106 = CB, then PO107 will be Hub's 12 digit Internal UPC number.	M AN 12/12
PO110	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) IT Buyer's Style Number	M ID 2/2
PO111	234	<b>Product/Service ID</b> Identifying number for a product or service When PO106 = IT, then PO107 will be Hub's 9 digit Style Code.	M AN 9/9
PO112	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) BO Buyers Color	M ID 2/2

<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b>	<b>M AN 1/11</b>
		Identifying number for a product or service	
		When PO106 = BO, then PO107 will be Hub's 3 digit color number and 8 digit color description.	
<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		CG Commodity Grouping	
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b>	<b>AN 1/11</b>
		Identifying number for a product or service	
		When PO106 = CG, then PO107 will be Hub's 4 digit Department Number.	
<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		CG Commodity Grouping	
<b>PO117</b>	<b>234</b>	<b>Product/Service ID</b>	<b>AN 4/4</b>
		Identifying number for a product or service	
		When PO106 = CG, then PO107 will be Hub's 4 digit Class Number.	
<b>PO118</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		CG Commodity Grouping	
<b>PO119</b>	<b>234</b>	<b>Product/Service ID</b>	<b>AN 4/4</b>
		Identifying number for a product or service	
		When PO106 = CG, then PO107 will be Hub's 4 digit Subclass.	

**Segment:** **CTP Pricing Information**  
**Position:** 040  
**Loop:** PO1-CTP  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify pricing information  
**Syntax Notes:**

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>CTP01</b>	<b>687</b>	<b>Class of Trade Code</b>	<b>ID 2/2</b>
		Code indicating class of trade	
		RS Resale	
<b>CTP02</b>	<b>236</b>	<b>Price Identifier Code</b>	<b>ID 3/3</b>
		Code identifying pricing specification	
		RES Resale	
<b>CTP03</b>	<b>212</b>	<b>Unit Price</b>	<b>R 1/17</b>
		Price per unit of product, service, commodity, etc.	
		The retail price in U.S. dollars that should be printed on the ticket.	

**Segment:** **PO4** Item Physical Details  
**Position:** 090  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item  
**Syntax Notes:**

- 1 If either PO402 or PO403 is present, then the other is required.
- 2 If PO405 is present, then PO406 is required.
- 3 If either PO406 or PO407 is present, then the other is required.
- 4 If either PO408 or PO409 is present, then the other is required.
- 5 If PO410 is present, then PO413 is required.
- 6 If PO411 is present, then PO413 is required.
- 7 If PO412 is present, then PO413 is required.
- 8 If PO413 is present, then at least one of PO410 PO411 or PO412 is required.
- 9 If PO417 is present, then PO416 is required.
- 10 If PO418 is present, then PO404 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	Pack	N0 1/1
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	
		The value of the PO401 will always be 1. This is the number of inner pack units per outer pack units.	
PO414	810	Inner Pack	N0 1/6
		The number of eaches per inner container	

**Segment:** **SDQ** Destination Quantity  
**Position:** 190  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 500  
**Purpose:** To specify destination and quantity detail  
**Syntax Notes:**

- 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.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SDQ01	355	Unit or 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	
		EA Each	
SDQ02	66	Identification Code Qualifier	M ID 1/2
		Code designating the system/method of code structure used for Identification	

		Code (67)	Assigned by Buyer or Buyer's Agent		
		92			
<b>SDQ03</b>	<b>67</b>	<b>Identification Code</b>		<b>M</b>	<b>AN 2/80</b>
		Code identifying a party or other code			
		The destination store number, or the warehouse number.			
<b>SDQ04</b>	<b>380</b>	<b>Quantity</b>		<b>M</b>	<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ05</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
		The destination store number			
<b>SDQ06</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
		SDQ05/SDQ06 repeat and extend out to the SDQ21/SDQ22.			
<b>SDQ07</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ08</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ09</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ10</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ11</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ12</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ13</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ14</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ15</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ16</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ17</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ18</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ19</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ20</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			
<b>SDQ21</b>	<b>67</b>	<b>Identification Code</b>			<b>AN 2/80</b>
		Code identifying a party or other code			
<b>SDQ22</b>	<b>380</b>	<b>Quantity</b>			<b>R 1/15</b>
		Numeric value of quantity			

Segment: **SLN** Subline Item Detail  
 Position: 470  
 Loop: PO1-SLN  
 Level: Detail  
 Usage: Optional

- Max Use:** 1  
**Purpose:** To specify product subline detail item data  
**Syntax Notes:**
- 1 If either SLN04 or SLN05 is present, then the other is required.
  - 2 If SLN07 is present, then SLN06 is required.
  - 3 If SLN08 is present, then SLN06 is required.
  - 4 If either SLN09 or SLN10 is present, then the other is required.
  - 5 If either SLN11 or SLN12 is present, then the other is required.
  - 6 If either SLN13 or SLN14 is present, then the other is required.
  - 7 If either SLN15 or SLN16 is present, then the other is required.
  - 8 If either SLN17 or SLN18 is present, then the other is required.
  - 9 If either SLN19 or SLN20 is present, then the other is required.
  - 10 If either SLN21 or SLN22 is present, then the other is required.
  - 11 If either SLN23 or SLN24 is present, then the other is required.
  - 12 If either SLN25 or SLN26 is present, then the other is required.
  - 13 If either SLN27 or SLN28 is present, then the other is required.

**Notes:** This record will only be sent if the preceding (parent) PO1 record has specified a "PK" (prepack) in the PO103 field. This segment will be grouped together with the following CTP segment to specify every different item in the prepack.

When the SLN09 = IN, then the SLN10 will be Hub's 10 digit prepack ID.

The SLN11 - SLN24, will detail out all available information about a particular line item further identification and ticketing purposes, including Hub's internal UPC number for the product.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SLN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set This will be the line item number within this PO Transaction Set. This line number will be its own counter, different than the PO101 line number.	M AN 1/20
SLN03	662	<b>Relationship Code</b> Code indicating the relationship between entities I Included	M ID 1/1
SLN04	380	<b>Quantity</b> Numeric value of quantity The number this specific item, in each prepack.	M R 1/15
SLN05	C001	<b>Composite Unit of Measure</b> To identify a composite unit of measure (See Figures Appendix for examples of use)	M
C00101	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Unit of measure will always be "eaches." EA Each	M ID 2/2
SLN06	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. The price in U.S. dollars for each line item unit. the price is sent with the decimal point only when needed. Example \$13.50 would be sent as 13.5, while \$13.00 would be sent as 13.	M R 1/17
SLN07	639	<b>Basis of Unit Price Code</b> Code identifying the type of unit price for an item WE Wholesale Price per Each	ID 2/2
SLN09	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M ID 2/2



IN Buyer's Item Number

SLN10 234 Product/Service ID M AN 1/48

Identifying number for a product or service

**Segment:** **CTP Pricing Information**  
**Position:** 516  
**Loop:** PO1-SLN  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify pricing information  
**Syntax Notes:**

- 1 If either CTP04 or CTP05 is present, then the other is required.
- 2 If CTP06 is present, then CTP07 is required.
- 3 If CTP09 is present, then CTP02 is required.
- 4 If CTP10 is present, then CTP02 is required.
- 5 If CTP11 is present, then CTP03 is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade RS Resale	<b>ID 2/2</b>
CTP02	236	<b>Price Identifier Code</b> Code identifying pricing specification RES Resale	<b>ID 3/3</b>
CTP03	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc. The retail price in U.S. dollars which goes on the ticket.	<b>R 1/17</b>

**Segment:** **CTT Transaction Totals**  
**Position:** 010  
**Loop:** CTT  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Syntax Notes:**

- 1 If either CTT03 or CTT04 is present, then the other is required.
- 2 If either CTT05 or CTT06 is present, then the other is required.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set	<b>M N0 1/6</b>
CTT02	347	<b>Hash Total</b> 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. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash	<b>R 1/10</b>

			total after truncation to three-digit field.	
<b>CTT03</b>	<b>81</b>	<b>Weight</b>		<b>R 1/10</b>
			Numeric value of weight	
<b>CTT04</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>CTT05</b>	<b>183</b>	<b>Volume</b>		<b>R 1/8</b>
			Value of volumetric measure	
<b>CTT06</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b>		<b>ID 2/2</b>
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
<b>CTT07</b>	<b>352</b>	<b>Description</b>		<b>AN 1/80</b>
			A free-form description to clarify the related data elements and their content	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Must Use  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

**Syntax Notes:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
SE01	96	<b>Number of Included Segments</b>	<b>M N0 1/10</b>
		Total number of segments included in a transaction set including ST and SE segments	
		The total number of liine items (PO1 segments) that are in the docuumen t.	
SE02	329	<b>Transaction Set Control Number</b>	<b>M AN 4/9</b>
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	