

# 850 Purchase Order Version 4010

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:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BEG	Beginning Segment for Purchase Order	M	1		
	030	NTE	Note/Special Instruction	O	100		
	050	REF	Reference Identification	O	>1		
	060	PER	Administrative Communications Contact	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
	110	CSH	Header Sale Condition	O	5		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
	270	MAN	Marks and Numbers	O	10		
	280	CTB	Restrictions/Conditions	O	5		
LOOP ID - N9						1000	
	300	MSG	Message Text	O	1000		
LOOP ID - N1						200	
	310	N1	Name	O	1		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - PO1						100000	
Must Use	010	PO1	Baseline Item Data	M	1		
LOOP ID - PID						1000	
	050	PID	Product/Item Description	O	1		
	291	TAX	Tax Reference	O	>1		
LOOP ID - SCH						200	
	295	SCH	Line Item Schedule	O	1		
LOOP ID - SLN						1000	
	490	PID	Product/Item Description	O	1000		
	519	TAX	Tax Reference	O	3		

**Summary:**

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
		LOOP ID - CTT			1	
010	CTT	Transaction Totals	O	1		
Must Use	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:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number  
**Syntax Notes:**  
**Semantic Notes:** 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 Purchase Order	M ID 3/3
ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates  
**Syntax Notes:**  
**Semantic Notes:** 1 BEG05 is the date assigned by the purchaser to purchase order.  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 Original	M ID 2/2
BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order BK Blanket Order (Quantity Firm) CF Confirmation CP Change to Purchase Order CR Change to Release NE New Order RL Release or Delivery Order RO Rush Order SA Stand Alone Order	M ID 2/2
BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the buyer/purchaser	M AN 1/22
BEG04	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30
BEG05	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8

**Segment:** **NTE** Note/Special Instruction  
**Position:** 030  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 100  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>NTE01</b>	<b>363</b>	<b>Note Reference Code</b> Code identifying the functional area or purpose for which the note applies	<b>O ID 3/3</b>
<b>NTE02</b>	<b>3</b>	<b>Free Form Message</b> Free-form text	<b>M AN 1/60</b>

**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.

**Semantic Notes:**

- 1 REF04 contains data relating to the value cited in REF02.

**Comments:**

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
REF01	128	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification	M ID 2/3
REF02	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/30

**Segment:** **PER** Administrative Communications Contact  
**Position:** 060  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to whom administrative communications should be directed.  
**Syntax Notes:**

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>PER01</b>	<b>336</b>	<b>Contact Function Code</b> Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department	<b>M ID 2/2</b>
<b>PER02</b>	<b>93</b>	<b>Name</b> Free-form name	<b>O AN 1/60</b>
<b>PER03</b>	<b>365</b>	<b>Communication Number Qualifier</b> Code identifying the type of communication number TE Telephone	<b>X ID 2/2</b>
<b>REF04</b>	<b>364</b>	<b>Communication Number</b> Complete communications number including country or area code when applicable	<b>X AN 1/80</b>

**Segment:** **FOB** Related Instructions  
**Position:** 080  
**Loop:**  
**Level:** Header  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify transportation instructions relating to shipment.  
**Syntax Notes:**

- 1 If FOB07 is present, then FOB06 is required.
- 2 If FOB08 is present, then FOB09 is required.

**Semantic Notes:**

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB06 is the code specifying the title passage location.
- 3 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

**Comments:**

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
FOB01	146	<b>Shipment Method of Payment</b> Code Identifying payment terms for transportation charges	M ID 2/2
FOB02	309	<b>Location Qualifier</b> Code identifying type of location	X ID 1/2
FOB03	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
FOB04	334	<b>Transportation Terms Qualifier Code</b> Code identifying the source of the transportation terms	O ID 1/2
FOB05	335	<b>Transportation Terms Code</b> Code identifying the trade terms which apply to the shipment transportation responsibility	X ID 1/3
FOB06	309	<b>Location Qualifier</b> Code identifying type of location	X ID 1/2
FOB07	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80
FOB08	54	<b>Risk of Loss Code</b> Code specifying where responsibility for the risk of loss passes	O ID 2/2
FOB09	352	<b>Description</b> A free-form description to clarify the related data elements and their content	O AN 1/80

**Segment:** **CSH** Header Sale Condition  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify general conditions or requirements of the sale.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CSH01	563	<b>Sales Requirement Code</b> Code to identify a specific requirement or agreement of sale	O ID 1/2
CSH02	306	<b>Action Code</b> Code indicating type of action	O ID 1/2
CSH03	610	<b>Amount</b> Monetary Amount	X N2 1/15
CSH04	508	<b>Account Number</b> Account number assigned	O AN 1/35
CSH05	373	<b>Date</b> Date expressed as CCYYMMDD	O DT 8/8
CSH06	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	X ID 2/2
CSH07	560	<b>Special Services Code</b> Code identifying the special service	X ID 2/10
CSH08	566	<b>Product/Service Substitution Code</b> Code indicating product or service substitution conditions	O ID 1/2
CSH09	954	<b>Percent</b> Percentage expressed as a decimal	X R 1/10

**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.

**Semantic Notes:**

- 1 TD515 is the country where the service is to be performed.

**Comments:**

- 1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TD501	133	<b>Routing Sequence Code</b>	<b>O ID 1/2</b>
		Code describing the relationship of a carrier to a specific shipment movement	
TD502	66	<b>Identification Code Qualifier</b>	<b>X ID 1/2</b>
		Code designating the system/method of code structure used for Identification Code (67)	
TD503	67	<b>Identification Code</b>	<b>X AN 2/80</b>
		Code identifying a party or other code	
TD504	91	<b>Transportation Method/Type Code</b>	<b>X ID 1/2</b>
		Code specifying the method or type of transportation for the shipment	
TD505	387	<b>Routing</b>	<b>X AN 1/35</b>
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	

**Segment:** **MAN** Marks and Numbers  
**Position:** 270  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To indicate identifying marks and numbers for shipping containers  
**Syntax Notes:**

- 1 P0405 - If either MAN04 or MAN05 is present, then the other is required.
- 2 C0605 - If MAN06 is present, then MAN05 is required.

**Semantic Notes:**

- 1 MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
- 2 When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
- 3 When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

**Comments:**

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
MAN01	88	Marks and Numbers Qualifier	M ID 1/2
		Code specifying the application or source of Marks and Numbers	
MAN02	87	Marks and Numbers	M ID 1/45
		Marks and Numbers used to identify a shipment or parts of a shipment	

**Segment:** **CTB** Reference Identification  
**Position:** 280  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 5  
**Purpose:** To specify restrictions/conditions (such as shipping, ordering).  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CBT01	688	<b>Restrictions/Conditions Qualifier</b> Code identifying the type of restriction/condition	M ID 2/2
CBT02	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80

**Segment:** **MSG** Message Text  
**Position:** 300  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1000  
**Purpose:** To provide a free-form format that allows the transmission of text information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

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

**Segment:** **N1** Name  
**Position:** 310  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**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.

**Semantic Notes:**  
**Comments:**

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	<b>Entity Identifier Code</b>	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		BT Bill-to-Party	
		ST Ship To	
N102	93	<b>Name</b>	X AN 1/60
		Free-form name	
N103	66	<b>Identification Code Qualifier</b>	X 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	<b>Identification Code</b>	X AN 2/80
		Code identifying a party or other code	

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

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N301	166	Address Information Address information	M AN 1/55
N302	166	Address Information Address information	O AN 1/55

**Segment:** **N4** Geographic Location  
**Position:** 340  
**Loop:** N1 Optional  
**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.  
**Semantic Notes:**  
**Comments:** 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.  
 2 N402 is required only if city name (N401) is in the U.S. or Canada.

#### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name	O AN 2/30
		Free-form text for city name	
N402	156	State or Province Code	O ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	Postal Code	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks.	

- Segment:** **PO1** **Baseline Item Data**
- Position:** 010
- Loop:** PO1 Mandatory
- Level:** Detail
- Usage:** Mandatory
- 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.
- Semantic Notes:**
- Comments:**
- 1 See the Data Element Dictionary for a complete list of IDs.
  - 2 PO101 is the line item identification.
  - 3 PO106 through PO125 provide for ten different product/service IDs per each item.  
For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO101	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
PO102	330	<b>Quantity Ordered</b> Quantity ordered	X R 1/15
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 Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
PO104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17
PO106	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number IN Buyer's Item Number PN Company Part Number VN Vendor's (Seller's) Item Number	X ID 2/2
PO107	234	<b>Product/Service ID</b> Identifying number for a product or service	X AN 1/48
PO108	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number IN Buyer's Item Number	X ID 2/2

		PN	Company Part Number		
		VN	Vendor's (Seller's) Item Number		
<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X</b>	<b>AN 1/48</b>
		Identifying number for a product or service			

- Segment:** **PID** **Product/Item Description**
- Position:** 050
- Loop:** PID Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID04 is required.
  - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.

#### Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
PID01	349	<b>Item Description Type</b> Code indicating the format of a description F Free-form	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O ID 2/3
PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	X ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	O ID 2/2

**Segment:** **TAX** Tax Reference  
**Position:** 170  
**Loop:** PO1 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TAX01	325	<b>Tax Identification Number</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	X AN 1/20
TAX02	309	<b>Location Qualifier</b> Code identifying type of location	X ID 1/2
TAX03	310	<b>Location Identifier</b> Code which identifies a specific location	X AN 1/30
TAX12	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax	O ID 1/1

**Segment:** **SCH** Line Item Schedule  
**Position:** 295  
**Loop:** SCH Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the data for scheduling a specific line-item.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
SCH01	380	<b>Quantity</b> Numeric value of quantity	M R 1/15
SCH02	355	<b>Unit or Basis for Measurement</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
SCH03	98	<b>Entity Identifier Code</b> Code identifying an organizational entity, a physical location, property or an individual	O ID 2/3
SCH04	93	<b>Name</b> Free-form name	X AN 1/60
SCH05	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	M ID 3/3
SCH06	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8
SCH07	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O DT 4/8
SCH08	374	<b>Date/Time Qualifier</b> Code specifying type of date or time, or both date and time	X ID 3/3
SCH09	373	<b>Date</b> Date expressed as CCYYMMDD	X DT 8/8
SCH10	337	<b>Time</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X DT 4/8
SCH11	326	<b>Request Reference Number</b> Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	O AN 1/45
SCH12	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20

- Segment:** **PID** **Product/Item Description**
- Position:** 490
- Loop:** SLN Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1000
- Purpose:** To describe a product or process in coded or free-form format
- Syntax Notes:**
- 1 If PID04 is present, then PID03 is required.
  - 2 At least one of PID04 or PID05 is required.
  - 3 If PID07 is present, then PID03 is required.
  - 4 If PID08 is present, then PID04 is required.
  - 5 If PID09 is present, then PID05 is required.
- Semantic Notes:**
- 1 Use PID03 to indicate the organization that publishes the code list being referred to.
  - 2 PID04 should be used for industry-specific product description codes.
  - 3 PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
  - 4 PID09 is used to identify the language being used in PID05.
- Comments:**
- 1 If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
  - 2 Use PID06 when necessary to refer to the product surface or layer being described in the segment.
  - 3 PID07 specifies the individual code list of the agency specified in PID03.

#### Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
PID01	349	<b>Item Description Type</b> Code indicating the format of a description	M ID 1/1
PID02	750	<b>Product/Process Characteristic Code</b> Code identifying the general class of a product or process characteristic	O ID 2/3
PID03	559	<b>Agency Qualifier Code</b> Code identifying the agency assigning the code values	X ID 2/2
PID04	751	<b>Product Description Code</b> A code from an industry code list which provides specific data about a product characteristic	X AN 1/12
PID05	352	<b>Description</b> A free-form description to clarify the related data elements and their content	X AN 1/80
PID06	752	<b>Surface/Layer/Position Code</b> Code indicating the product surface, layer or position that is being described	O ID 2/2
PID07	822	<b>Source Subqualifier</b> A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15
PID08	1073	<b>Yes/No Condition or Response Code</b> Code indicating a Yes or No condition or response	O ID 1/1

**Segment:** **TAX** Tax Reference  
**Position:** 519  
**Loop:** SLN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
TAX01	325	<b>Tax Identification Number</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number	X AN 1/20
TAX02	309	<b>Location Qualifier</b> Code identifying type of location	X ID 1/2
TAX03	310	<b>Location Identifier</b> Code which identifies a specific location	X AN 1/30
TAX12	441	<b>Tax Exempt Code</b> Code identifying exemption status from sales and use tax	O ID 1/1

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:** CTT Optional  
**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.

**Semantic Notes:**  
**Comments:**

- 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTT01	354	<b>Number of Line Items</b> Total number of line items in the transaction set	M N0 1/6
CTT02	347	<b>Hash Total</b> Total number of item quantities	M N0 1/6

**Segment:** **SE** Transaction Set Trailer  
**Position:** 030  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 SE is the last segment of each transaction set.

#### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
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	