

# 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.

## Notes:

### TERMS and CONDITIONS:

National Instruments Corporation Terms and Conditions can be referenced at <http://ni.com/edi>

## 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>
M	010	ST	Transaction Set Header	M	1		
M	020	BEG	Beginning Segment for Purchase Order	M	1		
	040	CUR	Currency	O	1		
	080	FOB	F.O.B. Related Instructions	O	>1		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
LOOP ID - N9						1000	
	295	N9	Reference Identification	O	1		
	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		
	360	PER	Administrative Communications Contact	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	
M	010	PO1	Baseline Item Data	M	1		n1
LOOP ID - PID						1000	
	050	PID	Product/Item Description	O	1		
	100	REF	Reference Identification	O	>1		
LOOP ID - SCH						200	
	295	SCH	Line Item Schedule	O	1		n2
LOOP ID - AMT						>1	
	600	AMT	Monetary Amount	O	1		

## 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		n3
M	030	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. PO102 is required.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. 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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 850 = Purchase Order Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
M	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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BEG01	353	<b>Transaction Set Purpose Code</b> Code identifying purpose of transaction set 00 = Original Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	BEG02	92	<b>Purchase Order Type Code</b> Code specifying the type of Purchase Order RL = Release or Delivery Order An order for goods and services placed against a pre-existing contract or blanket order SA = Stand-alone Order Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	BEG03	324	<b>Purchase Order Number</b> Identifying number for Purchase Order assigned by the orderer/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
M	BEG05	373	<b>Date</b> Date expressed as CCYYMMDD	M DT 8/8

**Segment:** **CUR** Currency  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** 1 See Figures Appendix for examples detailing the use of the CUR segment.

#### Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CUR01	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			BY = Buying Party (Purchaser)	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	

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

- 1 FOB01 indicates which party will pay the carrier.
- 2 FOB02 is the code specifying transportation responsibility location.

**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	FOB01	146	<b>Shipment Method of Payment</b> Code identifying payment terms for transportation charges CC = Collect PP = Prepaid (by Seller) Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	FOB02	309	<b>Location Qualifier</b> Code identifying type of location DE = Destination (Shipping) OR = Origin (Shipping Point) Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 1/2

**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 130  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify terms of sale  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
ITD12	352	Description	O AN 1/80
		A free-form description to clarify the related data elements and their content	

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

#### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
TD505	387	Routing	X AN 1/35
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	



**Segment:** **N9** **Reference Identification**  
**Position:** 295  
**Loop:** N9 Optional  
**Level:** Heading  
**Usage:** Optional  
**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.  
**Semantic Notes:**  
**Comments:**

Data Element Summary			
	<u>Ref. Des.</u>	<u>Data Element</u> <u>Name</u>	<u>Attributes</u>
M	N901	128 <b>Reference Identification Qualifier</b>	M ID 2/3
		Code qualifying the Reference Identification	
		PO = Purchase Order Number	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	N902	127 <b>Reference Identification</b>	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	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.

Data Element Summary				
M	Ref.	Data		
	<u>Des.</u>	<u>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	
			BT = Bill-To Party	
			BY = Buying Party (Purchaser)	
			ST = Ship To	
			SU = Supplier/Manufacturer	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93	Name	X AN 1/60
			Free-form name	
	N103	66	Identification Code Qualifier	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	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	N104	67	Identification Code	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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	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:**  
**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 Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	O ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	O ID 2/3

**Segment:** **PER Administrative Communications Contact**  
**Position:** 360  
**Loop:** N1 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**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.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	PER01	366	<b>Contact Function Code</b>	<b>M ID 2/2</b>
			Code identifying the major duty or responsibility of the person or group named	
			AG = Agent	
			BD = Buyer Name or Department	
			DC = Delivery Contact	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER02	93	<b>Name</b>	<b>O AN 1/60</b>
			Free-form name	
	PER03	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			TE = Telephone	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER04	364	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	
			ADVISED - If Communications Number Qualifier equals "TE" (Telephone), the proposed format is : 800-555-1212X1234	
	PER05	365	<b>Communication Number Qualifier</b>	<b>X ID 2/2</b>
			Code identifying the type of communication number	
			FX = Facsimile	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PER06	364	<b>Communication Number</b>	<b>X AN 1/80</b>
			Complete communications number including country or area code when applicable	

<b>Segment:</b>	<b>PO1</b>	<b>Baseline Item Data</b>
<b>Position:</b>	010	
<b>Loop:</b>	PO1	Mandatory
<b>Level:</b>	Detail	
<b>Usage:</b>	Mandatory	
<b>Max Use:</b>	1	
<b>Purpose:</b>	To specify basic and most frequently used line item data	
<b>Syntax Notes:</b>	<b>1</b> If PO103 is present, then PO102 is required. <b>3</b> If either PO106 or PO107 is present, then the other is required. <b>4</b> If either PO108 or PO109 is present, then the other is required. <b>5</b> If either PO110 or PO111 is present, then the other is required. <b>6</b> If either PO112 or PO113 is present, then the other is required. <b>7</b> If either PO114 or PO115 is present, then the other is required. <b>8</b> If either PO116 or PO117 is present, then the other is required. <b>9</b> If either PO118 or PO119 is present, then the other is required. <b>10</b> If either PO120 or PO121 is present, then the other is required. <b>11</b> If either PO122 or PO123 is present, then the other is required. <b>12</b> If either PO124 or PO125 is present, then the other is required.	
<b>Semantic Notes:</b>		
<b>Comments:</b>	<b>1</b> See the Data Element Dictionary for a complete list of IDs. <b>2</b> PO101 is the line item identification. <b>3</b> 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.	
<b>Notes:</b>	For MG qualified Product/Service ID's (PO112-25) the format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID  For example: MG*Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) MG*National_Instrumen760007-01 (where the underscore represents 1 space)	

#### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>	<b>Name</b>
<b>PO101</b>	<b>350</b>	<b>Assigned Identification</b>
		Alphanumeric characters assigned for differentiation within a transaction set
<b>PO102</b>	<b>330</b>	<b>Quantity Ordered</b>
		Quantity ordered
<b>PO103</b>	<b>355</b>	<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.
<b>PO104</b>	<b>212</b>	<b>Unit Price</b>
		Price per unit of product, service, commodity, etc.
<b>PO106</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)
		EC = Engineering Change Level
		Refer to 004010 Data Element Dictionary for acceptable code values.
<b>PO107</b>	<b>234</b>	<b>Product/Service ID</b>
		Identifying number for a product or service
<b>PO108</b>	<b>235</b>	<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
		Refer to 004010 Data Element Dictionary for acceptable code values.

<b>PO109</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>PO110</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) VP = Vendor's (Seller's) Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X</b>	<b>ID 2/2</b>
<b>PO111</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service	<b>X</b>	<b>AN 1/48</b>
<b>PO112</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X</b>	<b>ID 2/2</b>
<b>PO113</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID  For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	<b>X</b>	<b>AN 1/48</b>
<b>PO114</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X</b>	<b>ID 2/2</b>
<b>PO115</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID  For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	<b>X</b>	<b>AN 1/48</b>
<b>PO116</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) MG = Manufacturer's Part Number Refer to 004010 Data Element Dictionary for acceptable code values.	<b>X</b>	<b>ID 2/2</b>
<b>PO117</b>	<b>234</b>	<b>Product/Service ID</b> Identifying number for a product or service The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID  For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	<b>X</b>	<b>AN 1/48</b>
<b>PO118</b>	<b>235</b>	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)	<b>X</b>	<b>ID 2/2</b>



		MG = Manufacturer's Part Number	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO119	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
		The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID	
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	
PO120	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		MG = Manufacturer's Part Number	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO121	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
		The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID	
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	
PO122	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		MG = Manufacturer's Part Number	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO123	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
		The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID	
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	
PO124	235	<b>Product/Service ID Qualifier</b>	<b>X ID 2/2</b>
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
		MG = Manufacturer's Part Number	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
PO125	234	<b>Product/Service ID</b>	<b>X AN 1/48</b>
		Identifying number for a product or service	
		The format of the ID will be 18 characters, space filled, immediately followed by the identifier which can be up to 30 characters, comprising the total 48 character ID	
		For example: Avnet_____XC17S100AVOG8C (where the underscores represent 13 spaces) National_Instrumen760007-01 (where the underscore represents 1 space)	

**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.  
**Semantic Notes:**  
**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.

#### Data Element Summary

M	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
	<u>PID01</u>	<u>349</u>	<u>Item Description Type</u>	<u>M ID 1/1</u>
			Code indicating the format of a description	
			F = Free-form	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	<b>PID05</b>	<b>352</b>	<b>Description</b>	<b>X AN 1/80</b>
			A free-form description to clarify the related data elements and their content	

**Segment:** **REF** **Reference Identification**  
**Position:** 100  
**Loop:** PO1 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify identifying information  
**Syntax Notes:** 1 At least one of REF02 or REF03 is required.  
**Semantic Notes:**  
**Comments:**

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	<b>Reference Identification Qualifier</b>	<b>M ID 2/3</b>
			Code qualifying the Reference Identification	
			C7 = Contract Line Item Number	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	REF02	127	<b>Reference Identification</b>	<b>X AN 1/30</b>
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

**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:** 1 If SCH03 is present, then SCH04 is required.  
3 If SCH09 is present, then SCH08 is required.  
**Semantic Notes:**  
**Comments:** 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SCH01	380	Quantity Numeric value of quantity	M R 1/15
M	SCH02	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
M	SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 002 = Delivery Requested Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
M	SCH06	373	Date Date expressed as CCYYMMDD	M DT 8/8
	SCH08	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 112 = Buyer's Dock Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 3/3
	SCH09	373	Date Date expressed as CCYYMMDD	X DT 8/8

**Segment:** **AMT** Monetary Amount  
**Position:** 600  
**Loop:** AMT Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To indicate the total monetary amount  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

#### Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	AMT01	522	Amount Qualifier Code Code to qualify amount 1 = Line Item Total Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 1/3
M	AMT02	782	Monetary Amount Monetary amount	M R 1/18

**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:**  
**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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354	Number of Line Items	M N0 1/6
Total number of line items in the transaction set				

**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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u> <u>Attributes</u>
M	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
M	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