



850 Purchase Order - PEEBLES/MULTIPLE(BUYSIDE)

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:

MAPNAME: SF850PEB
VERSION: 4010
DIRECTION: OUTBOUND
LOGICAL: PEB850O
LRECL:500

MAPPER NOTES:
RECORD LAYOUT IS THE SAME AS S7850PEB ON THE J: DRIVE.

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		
	050	REF	Reference Identification	O	>1		
	050	REF	Reference Identification	O	>1		
	150	DTM	Date/Time Reference	O	10		
	150	DTM	Date/Time Reference	O	10		
LOOP ID - N1						200	
	310	N1	Name	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		n1
LOOP ID - CTP						>1	
	040	CTP	Pricing Information	O	1		



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190	SDQ	Destination Quantity	O	500
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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		n2
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.

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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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set Hardcode '850' Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
Must Use	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 GENERATED BY TRANSLATOR	M AN 4/9

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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>
Must Use	BEG01	353	Transaction Set Purpose Code Code identifying purpose of transaction set Hardcode '00' Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	BEG02	92	Purchase Order Type Code Code specifying the type of Purchase Order H-RECORD:HPOTYPE Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
Must Use	BEG03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser H-RECORD:HPO-NUMBER	M AN 1/22
Must Use	BEG05	373	Date Date expressed as CCYYMMDD H-RECORD:HDTENT	M DT 8/8

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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>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification Hardcode 'DP' Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier H-RECORD:HCLASS	X AN 1/30

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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:
Notes: IF H-RECORD:HPROMO != SPACES, THEN WRITE SEGMENT.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification H-RECORD:HPROMO Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier H-RECORD:HDREF-NUMBER	X AN 1/30

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Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
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.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Hardcode '001' Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD H-RECORD:HCANDT	X DT 8/8

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Segment: **DTM** Date/Time Reference
Position: 150
Loop:
Level: Heading
Usage: Optional
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.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time Hardcode '010' Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 3/3
	DTM02	373	Date Date expressed as CCYYMMDD H-RECORD:HSHPDT	X DT 8/8

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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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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.
Notes:	IF H-RECORD:HEOMCO != SPACES THEN MAP SEGMENT

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		H-RECORD:HEOMCO	
		Valid Qualifiers are 'BY' or 'ST'	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
	N102	93 Name	X AN 1/60
		Free-form name	
		'PEEBLES,INC.'	
	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		Hardcode '92'	
		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	
		H-RECORD:HDISTC	

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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:	<ol style="list-style-type: none"> 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:	<ol style="list-style-type: none"> 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	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set D-RECORD:HDLIN-NUMBER	O AN 1/20
PO102	330	Quantity Ordered Quantity ordered D-RECORD:HSKUQT	X R 1/15
PO103	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 D-RECORD:HDCCDE Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
PO104	212	Unit Price Price per unit of product, service, commodity, etc. D-RECORD:HDCOST	X R 1/17
PO105	639	Basis of Unit Price Code Code identifying the type of unit price for an item Hardcode 'LE' Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
PO106	235	Product/Service ID Qualifier	X ID 2/2

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

Hardcode 'UP'

Refer to 004010 Data Element Dictionary for acceptable code values.

PO107 **234** **Product/Service ID** **X AN 1/48**

Identifying number for a product or service

D-RECORD:HDKEY



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Segment: **CTP Pricing Information**
Position: 040
Loop: CTP Optional
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.

Semantic Notes:

- 1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
- 2 CTP08 is the rebate amount.

Comments:

- 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes: IF H-RECORD:HDRETL != SPACES THEN MAP SEGMENT

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
CTP01	687	Class of Trade Code Code indicating class of trade Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 2/2
CTP02	236	Price Identifier Code Code identifying pricing specification Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 3/3
CTP03	212	Unit Price Price per unit of product, service, commodity, etc. D-RECORD:HDRETL	X R 1/17
CTP04	380	Quantity Numeric value of quantity	X R 1/15
CTP05	C001	Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use)	X
Must Use	C00101	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
	C00102	Exponent Power to which a unit is raised	O R 1/15
	C00103	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
	C00104	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	O ID 2/2

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		Refer to 004010 Data Element Dictionary for acceptable code values.	
C00105	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00106	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00107	355	Unit or Basis for Measurement Code	O ID 2/2
		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.	
C00108	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00109	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00110	355	Unit or Basis for Measurement Code	O ID 2/2
		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.	
C00111	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00112	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
C00113	355	Unit or Basis for Measurement Code	O ID 2/2
		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.	
C00114	1018	Exponent	O R 1/15
		Power to which a unit is raised	
C00115	649	Multiplier	O R 1/10
		Value to be used as a multiplier to obtain a new value	
CTP06	648	Price Multiplier Qualifier	O ID 3/3
		Code indicating the type of price multiplier	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CTP07	649	Multiplier	X R 1/10
		Value to be used as a multiplier to obtain a new value	
CTP08	782	Monetary Amount	O R 1/18
		Monetary amount	
CTP09	639	Basis of Unit Price Code	O ID 2/2
		Code identifying the type of unit price for an item	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
CTP10	499	Condition Value	O AN 1/10
		Identifies rate restrictions or provisions	
CTP11	289	Multiple Price Quantity	O N0 1/2
		Quantity of units for a given price, e.g., 3 for \$10.00	

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Segment:	SDQ Destination Quantity
Position:	190
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	500
Purpose:	To specify destination and quantity detail
Syntax Notes:	<ol style="list-style-type: none"> 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.
Semantic Notes:	1 SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.
Comments:	<ol style="list-style-type: none"> 1 SDQ02 is used only if different than previously defined in the transaction set. 2 SDQ03 is the store number. 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SDQ01	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 D-RECORD:HDCCDE Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/2
	SDQ02	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) Hardcode '92' Refer to 004010 Data Element Dictionary for acceptable code values.	O ID 1/2
Must Use	SDQ03	67	Identification Code Code identifying a party or other code D-RECORD:HDSTR1	M AN 2/80
Must Use	SDQ04	380	Quantity Numeric value of quantity D-RECORD:HDQTY1	M R 1/15
	SDQ05	67	Identification Code Code identifying a party or other code D-RECORD:HDSTR2	X AN 2/80
	SDQ06	380	Quantity Numeric value of quantity	X R 1/15



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		D-RECORD:HDQTY2		
SDQ07	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR3		
SDQ08	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDQTY3		
SDQ09	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR4		
SDQ10	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDQTY4		
SDQ11	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR5		
SDQ12	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDQTY5		
SDQ13	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR6		
SDQ14	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDQTY6		
SDQ15	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR7		
SDQ16	380	Quantity	X	R 1/15
		Numeric value of quantity		
		H-RECORD:HDQTY7		
SDQ17	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR8		
SDQ18	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDQTY8		
SDQ19	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR9		
SDQ20	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDQTY9		



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SDQ21	67	Identification Code	X	AN 2/80
		Code identifying a party or other code		
		D-RECORD:HDSTR10		
SDQ22	380	Quantity	X	R 1/15
		Numeric value of quantity		
		D-RECORD:HDSTR10		

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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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6
			CTT01	
	CTT02	347	Hash Total 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 total after truncation to three-digit field.	O R 1/10
			CTT02	

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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>
Must Use	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	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