850 Purchase Order Outbound to Vendor
Updated 03/25/2010

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 the Purchase order for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgement information.

HEADING:

Segment	Name	Mandatory /Optional	Max Use	Loop Repeat
BEG	Beginning Segment for Purchase Order	M		
PER	Administrative Communications Contact	O		
	LOOP ID – N9			1
N9	Reference Identification	O	1	
MSG	Message Text	O	1000	
	LOOP ID – N1			3
N1	Name	M	1	
N3	Address Info.	O	1	
N4	Geographic Location	O	1	

DETAIL:

Segment	Name	Mandatory /Optional	Max Use	Loop Repeat
	LOOP ID – PO1			999
PO1	Baseline Item Data	M	1	
	LOOP ID – PO1 – PID			60
PID	Product/Item Description	M	1	
REF	Reference Identification	O	1	
MSG	Message Text	O	>1	
SCH	Line Item Schedule	M	1	

SUMMARY:

Segment	Name	Mandatory /Optional	Max Use	Loop Repeat
	LOOP ID – CTT			1
CTT	Transaction Totals	M	1	
AMT	Monetary Amount	M	1	

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Segment:	BEG Beginning Segment for Purchase Order				
Loop:					
Level:	Heading				
Usage:	M				
Max Use:	1				
Purpose:	To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates				
Element	Data Element	Description/Use	Constraints	Usage	Type
BEG01	353	Transaction Set Purpose Code	00 - Original	M	ID
BEG02	92	Purchase Order Type Code	NE New Order DS - Dropship	M	ID
BEG03	324	Purchase Order Number		M	AN
BEG05	373	Purchase order date	CCYYMMDD	M	DT
Example	BEG*00*NE*1234567-00**20011220 BEG*00*DS*1234567-00**20011220				

Segment:	PER Administrative Communications Contact				
Loop:					
Level:	Heading				
Usage:	O				
Max Use:	1				
Purpose:	To identify a person or office to whom administrative communications should be directed				
Element	Data Element	Description/Use	Constraints	Usage	Type
PER01	366	Contact Function Code	IC - Information Contact	M	ID
PER02	93	Contact Name		M	AN
PER03	365	Contact Number Qualifier	EM - EMail FX- Fax TE – Telephone	M	ID
PER04	364	Contact Information		M	AN
Example	PER*IC*JOHN DOE*TE*407-123-4567 PER*IC*JOHN DOE*EM*johndoe@company.com				

Segment:	MSG Message Text				
Loop:	N9				
Level:	Heading				
Usage:	O				
Max Use:	1000				
Purpose:	To provide a free-form format that allows the transmission of text information				
Element	Data Element	Description/Use	Constraints	Usage	Type
MSG01	933	Free-Form Message Text		M	AN
Example	N9*L1**REFERENCE HEADER MSG SEGMENT				

Segment:	N1　　　Name				
Loop:	N1				
Level:	Heading				
Usage:	M				
Max Use:	1				
Purpose:	To identify a party by type of organization, name, and code				
Element	Data Element	Description/Use	Constraints	Usage	Type
N101	98	Entity Identifier Code	VN　　Vendor BT　　　Bill-to-Party ST　　　Ship To	M	ID
N102	93	Name		M	AN
N103	66	Identification Code Qualifier	92	M	ID
N104	67	Identification Code	If N101 = VN, Anixter Vendor Id Number If N101 = BT, Anixter Branch Number If N101 = ST, Anixter WHSE	M	AN
Example	N1*VN*VENDOR NAME*92*1111 N1*BT*ANIXTER,*92*3423 N1*ST*ANIXTER*92*ERUC				

Segment:	N3　　　Address Information				
Loop:	N1				
Level:	Heading				
Usage:	O				
Max Use:	1				
Purpose:	To specify the location of the named party				
Element	Data Element	Description/Use	Constraints	Usage	Type
N301	166	Address Information		M	AN
N302	166	Address Information		O	AN
Example	N3*P.O. BOX 1*121 AnyStreet ST				

Segment:	N4　　　Geographic Location				
Loop:	N1				
Level:	Heading				
Usage:	O				
Max Use:	1				
Purpose:	To specify the geographic place of the named party				
Element	Data Element	Description/Use	Constraints	Usage	Type
N401	19	City Name		M	AN
N402	156	State or Province Code		M	AN
N403	116	Postal Code		M	AN
Example	N4*ORLANDO*FL*32858				

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Segment:	PO1 Baseline Item Data				
Loop:	PO1				
Level:	Detail				
Usage:	M				
Max Use:	1				
Purpose:	To specify basic and most frequently used line item data				
Element	Data Element	Description/Use	Constraints	Usage	Type
PO101	350	Assigned Identification Purchase Order Line Number	< 999	M	R
PO104	212	Unit Price	92	M	R
PO106	235	Product/Service ID Qualifier	BP – Buyer Part	M	ID
PO107	234	Product/Service ID		M	AN
PO108	235	Product/Service ID Qualifier	VC - Vendor (Seller's) Part Number	O	ID
PO109	234	Product/Service ID		O	AN
PO110	235	Product/Service ID Qualifier	UI - UPC Number	O	ID
PO111	234	Product/Service ID		O	AN
PO112	235	Product/Service ID Qualifier	ZZ – Mutually Defined	O	ID
PO113	234	Product/Service ID		O	AN
Example	PO1*3**EA*42.326**BP*TESTBP*VC*TESTVC*UI*0000000000*ZZ*101				

Segment:	PID Product/Item Data				
Loop:	PO1-PID				
Level:	Detail				
Usage:	O				
Max Use:	1				
Purpose:	To describe a product or process in coded or free-form format				
Element	Data Element	Description/Use	Constraints	Usage	Type
PID01	349	Item Description Type	F	M	ID
PID05	352	Product Description		M	AN
Example	PID*F****PRODUCT DESCRIPTION				

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Segment:	PID Product/Item Data				
Loop:	PO1-PID				
Level:	Detail				
Usage:	O				
Max Use:	1				
Purpose:	To describe a product or process in coded or free-form format				
Element	Data Element	Description/Use	Constraints	Usage	Type
PID01	349	Item Description Type	F	M	ID
PID05	352	Product Description		M	AN
Example	PID*F****PRODUCT DESCRIPTION				

Segment:	REF Reference Identification				
Loop:	PO1				
Level:	Detail				
Usage:	O				
Max Use:	1				
Purpose:	To indicate quote number				
Element	Data Element	Description/Use	Constraints	Usage	Type
REF01	128	Reference Identification Qualifier	Q1 – Quote Number	M	ID
REF02	127	Quote number or special price number		M	AN
Example	REF*Q1*123123123				

Segment:	MSG Message Text				
Loop:	PO1				
Level:	Detail				
Usage:	O				
Max Use:	60				
Purpose:	To provide a free-form format that allows the transmission of text information				
Element	Data Element	Description/Use	Constraints	Usage	Type
MSG01	933	Free-Form Message Text		M	AN
Example	MSG*TEST MESSAGE				

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Segment:	SCH Line Item Schedule				
Loop:	PO1-SCH				
Level:	Detail				
Usage:	M				
Max Use:	1				
Purpose:	To specify the data for scheduling a specific line-item				
Element	Data Element	Description/Use	Constraints	Usage	Type
SCH01	380	Quantity		M	R
SCH02	355	Unit or Basis for Measurement Code		M	ID
SCH05	374	Date/Time Qualifier	996 Delivery on or before indicated date	M	ID
SCH06	373	Date		M	DT
Example	SCH*1*EA***996*20011205				

Segment:	CTT Transaction Totals				
Loop:	CTT				
Level:	Summary				
Usage:	M				
Max Use:	1				
Purpose:	To indicate the line item amount.				
Element	Data Element	Description/Use	Constraints	Usage	Type
CTT01	354	Number of Line Items		M	R
CTT02	347	Total number of products on PO		M	R
Example	CTT*17*46				

Segment:	AMT Monetary Amount				
Loop:	PO1-AMT				
Level:	Detail				
Usage:	O				
Max Use:	1				
Purpose:	To indicate the line item amount.				
Element	Data Element	Description/Use	Constraints	Usage	Type
AMT01	522	Amount Qualifier Code	1 Line Item Total	M	ID
AMT02	782	Line item extended total		M	R
Example	AMT*1*258.56				

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