ANIXTER

850 Purchase Order - 004010 updated 02/21/08, 03/19/08, 12/15/08

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:

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
010	ST	Transaction Set Header	M	1	
020	BEG	Beginning Segment for Purchase Order	M	1	
050	REF	Reference Identification	O	>1	
060	PER	Administrative Communications Contact	O	3	
080	FOB	F.O.B. Related Instructions	O	>1	
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
150	DTM	Date/Time Reference	O	10	
240	TD5	Carrier Details	M	12	
		LOOP ID - N9			1000
295	N9	Reference Identification	O	1	
300	MSG	Message Text	O	1000	
		LOOP ID - N1			200
310	N1	Name	M	1	
330	N3	Address Information	M	2	
340	N4	Geographic Location	M	>1	

DETAIL:

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
		LOOP ID - PO1			100000
010	PO1	Baseline Item Data	M	1	
		LOOP ID - PID			1000
050	PID	Product/Item Description	M	1	
100	REF	Reference Identification	O	>1	
289	MSG	Message Text	O	>1	
295	SCH	Line Item Schedule	M	200	
600	AMT	Monetary Amount	O	1	

SUMMARY:

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
		LOOP ID - CTT			1
010	CTT	Transaction Totals	M	1	
020	AMT	Monetary Amount	M	1	
030	SE	Transaction Set Trailer	M	1	

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3
		Code uniquely identifying a Transaction Set			
		Refer to 004010 Data Element Dictionary for acceptable code values			
ST02	329	**Transaction Set Control Number**	M	AN	4/9
		Identifying control number assigned by the originator for a transaction set			

ST*850*1234

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
BEG01	353	**Transaction Set Purpose Code**	M	ID	2/2
		Code identifying purpose of transaction set			
		00 Original			
BEG02	92	**Purchase Order Type Code**	M	ID	2/2
		Code specifying the type of purchase order			
		NE New Order			
		DS Drop ship			
BEG03	324	**Purchase Order Number**	M	AN	1/22
		Anixter purchase order number			
BEG05	373	**Date**	M	DT	8/8
		Date P/O was created (CCYYMMDD)			

BEG*OO*NE*PP0024302824**20011220
BEG*OO*DS*PP12302824**20011220

Segment: **REF**   **Reference Identification**
Position: 050

Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To indicate quote number

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
REF01	128	**Reference Identification Number**	O	ID	2/3
		Q1 - Quote Number			
REF02	127	**Reference Identification (quote number)**	X	AN	1/30
		Quote number or special price number			
		REF*Q1*123123123			

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PER01	366	**Contact Function Code**	M	ID	2/2
		IC Information Contact			
PER02	93	**Name**	O	AN	1/60
		Anixter employee name			
PER03	365	**Communication Number Qualifier**	O	ID	2/2
		TE Telephone Number			
PER04	364	**Communication Number**	O	AN	1/80
		Anixter Branch Phone Number			

Segment: FOB   **F.O.B. Related Instructions**
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify transportation instructions relating to shipment

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
FOB01	146	**Shipment Method of Payment**	M	ID	2/2
		BP - Paid by Buyer			

PC - Prepaid but Charged to Customer
PS - Paid by Seller

FOB06	**309**	**Location Qualifier**	**X**	**ID**	**2/2**

OR - Origin Shipping Point
DE - Destination (Shipping)

FOB07	**352**	**Description**	**O**	**ID**	**1/80**

If OR will be "Vendor's Shipping Point of Origin"
IF DE then Anixter Ship-to City and State

IF FOB01 is BP and FOB06 is OR this combination denotes Collect - FOB Origin
IF FOB01 is PS and FOB06 is DE this combination denotes Allowed - FOB Destination
IF FOB01 is PS and FOB06 is OR this combination denotes Allowed - FOB Origin
IF FOB01 is PC and FOB06 is OR this combination denotes Prepaid & Add - FOB Origin
IF FOB01 is PC and FOB06 is DE this combination denotes Prepaid and Add - FOB Destination
**Important NOTE: These are the only combination of codes that are allowed per Anixter Standards

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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
Notes:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
ITD01	**336**	**Terms Type Code**	**O**	**ID**	**2/2**
		01 - Basic			
ITD02	**333**	**Terms Basis Date Code**	**O**	**ID**	**1/3**
		03 - Invoice Date			
ITD03	**338**	**Terms Discount Percent**	**O**	**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. Include decimal point if not a whole number. (ex: 2.5 is 2.5%)			
ITD05	**351**	**Terms Discount Days Due**	**X**	**NO**	**1/3**
		Number of days in the terms discount period by which payment is due			
ITD07	**386**	**Terms Net Days**	**O**	**NO**	**1/3**
		Number of days until total invoice amount is due			
ITD08	**362**	**Terms Discount Amount**	**O**	**NO**	**1/10**
		Total amount of terms discount. The decimal point is assumed and should not be included in the amount.			
ITD12	**352**	**Description**	**O**	**AN**	**1/80**
		A free-form description to clarify the related data elements and their content.			

ITD*01*3*2**10**25**2500****2% 10TH & 25TH

Segment: DTM   **Date/Time Reference**
Position: 150
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To specify pertinent dates
Notes:

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
DTM01	374	**Date/Time Qualifier**	M	ID	3/3
		074 Date			
DTM02	373	**Date CCYYMMDD**	X	DT	8/8
		Date delivery of order is required by Anixter			

DTM*074*20020117

Segment: TD5   **Carrier Details**
Position: 240
Loop:
Level: Heading
Usage: Mandatory by Anixter
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
TD505	387	**Routing**	X	AN	1/35
		Ship via description			

TD5*****BW BEST-WAY

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

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
N901	128	**Reference Identification Qualifier**	M	ID	2/3
		L1 Letters or Notes			

| **N903** | **369** | **Free-form Description** | | **X** | **AN** | **1/45** |

Reference header MSG segment

N9*L1**REFERENCE HEADER MSG SEGMENT

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
MSG01	**933**	**Free-Form Message Text**	**M**	**AN**	**1/78**

Comments for receiver regarding specific order instructions

MSG*GENERATED 12/05/07

Segment: N1   **Name**
Position: 310
Loop: N1
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax
Notes: 02   P0203 - At least one of N102 or N103 is required.
       03   P0304 - If either N103 or N104 is present, then the other is required.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N101	**98**	**Entity Identifier Code**	**M**	**ID**	**2/3**
		VN Vendor			
		BT Bill-to-Party			
		ST Ship To			
N102	**93**	**Name**	**X**	**AN**	**1/60**
		If N101 = VN, Vendors Name			
		If N101 = BT, Anixter Name			
		If N101 = ST, Ship To Name			
N103	**66**	**Identification Code Qualifier**	**X**	**ID**	**1/2**
		92 Assigned by Buyer of Buyer's Agent			
N104	**67**	**Identification Code**	**X**	**AN**	**2/80**
		If N101 = VN, Anixter Vendor Id Number Vendor number from Anixter internal system If N101 = BT, Anixter Branch Number			

If N101 = ST, Anxiter Branch Number,
only if BEG02 = NE, else not used

N1*VN*VENDOR
NAME*92*1111
N1*BT*Anixter92*95
N1*ST*Anixter.

Anixter branch numbers are 4 characters in length with the exception of those with leading zeros; the leading zeros are stripped. The branch numbers are either numeric or alpha numeric.

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

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N301	**166**	**Address Information** If N101 = VN, Vendor Address If N101 = BT, Anixter Bill to Address If N101 = ST, Ship-To Address **Address**	**M**	**AN**	**1/55**
N302	**166**	**Information** If N101 = VN, Vendor Address If N101 = BT, Anixter Bill to Address If N101 = ST, Ship-To Address	**O**	**AN**	**1/55**

N3*P.O. BOX 530416

Segment: N4   **Geographic Location**
Position: 340
Loop: N1
Level: Heading
Usage: Mandatory
Max Use: >1
Purpose: To specify the geographic place of the named party
Syntax
Notes: 01   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
N401	**19**	**City Name** If N101 = VN, Vendor City	**O**	**AN**	**2/30**

If N101 = BT, Bill To City
If N101 = ST, Ship To City

N402	156	**State or Province Code**	O	ID	2/2

If N101 = VN, Vendor State
If N101 = BT, Bill To State
If N101 = ST, Ship To State

N403	116	**Postal Code**	O	ID	3/15

If N101 = VN, Vendor Zip Code
If N101 = BT, Bill To Zip Code
If N101 = ST, Ship To Zip Code

N4*ORLANDO*FL*32858

Segment: PO1   **Baseline Item Data**
Position: 010
Loop: PO1
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used line item data
Syntax
Notes: 00   See the Data Element Dictionary for a complete list of IDs.
       01   PO101 is the line item identification.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
PO101	350	**Assigned Identification**	M	AN	1/11
		Purchase Order Line Number			
PO102	330	**Quantity Ordered**	X	R	1/15
PO103	355	**Unit or Basis for Measurement Code**	M	ID	2/2
		EA, HU, HF, TH, TQ, FT, RL, PR, BX, LB, CW			
		BF, GA, PT, QT, SF, HC, TM, TL, TS, HV, CF,			
		PC, CL			
PO104	212	**Unit Price**	X	R	1/17
		Refer to PO103 Unit or Basis for Measurement Code			
PO105	639	**Basis of Unit Price Code**	M	ID	2/2
		CP, PE, HP, TP, HF, PF, TF, EA			
PO106	235	**Product/Service ID Qualifier**	M	ID	2/2
		If Vendor is UPC Enabled:			
		UI U.P.C. Consumer Package Code			
		Otherwise:			
		BP Anixter Part Number			
		ZZ Anixter non-stocked product id **Product/**			
PO107	234	**Service ID**	M	AN	1/48
		If Vendor is UPC Enabled:			
		If PO106 = UI , UPC Number			
		Otherwise:			
		If PO106 = BP, Anixter Part Number			

If PO106 = ZZ, Anixter non-stocked product id. This id is a unique product id created to be used only once. Please use PID segment to determine product being ordered.

PO108	235	**Product/Service ID Qualifier**	O	ID	2/2
		UI U.P.C. Consumer Package Code			
PO109	234	**Product/Service ID**	O	AN	1/48
		If PO108 = UI, UPC Number			
PO110	235	**Product/Service ID Qualifier**	O	ID	2/2
		VC Vendor (Seller's) Part Number			
PO111	234	**Product/Service ID**	O	AN	1/48
		If PO110 = VC, Vendor Part Number			
PO112	235	**Product/Service ID Qualifier**	M	ID	2/2
		BP Anixter Part Number **Product/**			
PO113	234	**Service ID**	M	AN	1/48
		If PO112 = BP, Anixter Part Number			

PO1*3*1200*HF*42.326*CP*UI*040688312400*UI*040688312400*VC*D400*BP*45698
PO1*3*1200*HF*42.326*CP*BP*45698*UI*040688312400*VC*D400*BP*45698
PO1*3*1200*HF*42.326*CP*ZZ*569844*****BP*569844
PO1*3*1200*HF*42.326*CP*UI*040688312400*****BP*569844

Segment: PID   **Product/Item Data**
Position: 050
Loop: PID
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
Syntax
Notes: 04   R0405 - At least one of PID04 or PID05 is required.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
PID01	349	**Item Description Type**	M	ID	1/1
		F Free Form			
PID05	352	**Description**	X	AN	1/80
		Anixter product description			

PID*F****PRODUCT DESCRIPTION

Segment: REF   **Reference Identification**
Position: 100
Loop: PID
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify identifying information

Segment: MSG   Message Text

Position: 289
Loop: PO1
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To provide a free-form format that allows the transmission of text information

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
MSG01	**933**	**Free-Form Message Text**	**M**	**AN**	**1/78**
		Comments for receiver regarding specific line item instructions			

MSG*TEST MESSAGE

Segment: SCH   Line Item Schedule

Position: 295
Loop: PO1
Level: Detail
Usage: Mandatory by Anixter
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Notes: 05   SCH05 specifies the interpretation to be used for SCH06.
       **   Standards use SCH01 and SCH02 as mandatory. Anixter only maps these
           elements to meet standards. Elements SCH01 and SCH02 are optional use.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
SCH01	**380**	**Quantity**	**O**	**R**	**1/15**

SCH02	355	Unit or Basis for Measurement Code	O	ID	2/2
SCH05	374	**Date/Time Qualifier**	M	ID	3/3
		996 Delivery to Anixter on or before indicated date			
SCH06	373	**Date**	M	DT	8/8
		CCYYMMDD			

SCH*1*EA***996*20071205

Segment: AMT   **Monetary Amount**
Position: 600
Loop: PO1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To indicate the line item amount

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
AMT01	522	**Amount Qualifier Code**	M	ID	1/3
		1 Line Item Total			
AMT02	782	**Monetary Amount**	M	R	1/18
		Line item extended total			

AMT*1*258.56

Segment: CTT   **Transaction Totals**
Position: 010
Loop: CTT
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Notes: This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes		
CTT01	354	**Number of Line Items**	M	NO	1/6
		Total number of line items in the transaction			
CTT02	347	**Hash Total**	O	R	1/10
		Total number of products on P/O			
CTT03	81	**Weight**	X	R	1/10
		Total weight of products on P/O			
CTT04	355	**Unit or Basis for Measurement Code**	X	ID	2/2
		LB Unit of Measure (pound)			
			X	R	

		Total number of products on P/O			
CTT06	**355**	**Unit or Basis for Measurement Code**	**X**	**ID**	**2/2**
		PC Unit of Measure (piece)			

CTT*17*46*0*LB*24*PC

Segment: AMT Monetary Amount
Position: 020
Loop: CTT
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the total monetary amount
Notes:

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
AMT01	**522**	**Amount Qualifier Code**	**M**	**ID**	**1/3**
		5 - Total Invoice Amount			
AMT02	**782**	**Monetary Amount**	**M**	**R**	**1/18**
		Total dollar amount of P/O			

AMT*5*2105.674

Segment: SE Transaction Set Trailer
Position: 030
Loop: CTT
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)
Notes: SE is the last segment of each transaction set.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes	
SE01	**96**	**Number of Included Segments**	**M**	**NO**	**1/10**
SE02	**329**	**Transaction Set Control Number**	**M**	**AN**	**4/9**

SE*87*1350001

Current Branch Order

		01	02	03	04
VN	N1	vn	vendor name	92	vendor id
	N3	vendor address	city,state,zip		
	N4				
BT	N1	bt	Hughes name	92	branch #
	N3	Hughes address			
	N4	city	state	zip code	
ST	N1	st	name		
	N3	address	ext. address		
	N4	city	state	zip code	

New Branch Order

		01	02	03	04
VN	N1	vn	vendor name	92	vendor id
	N3	vendor address			
	N4	*city*	*state*	*zip code*	
BT	N1	bt	Hughes name	92	branch #
	N3	*branch name*	*branch address*		
	N4	city	state	zip code	
ST	N1	st	name		
	N3	*branch name*	*branch address*		
(Drop Ship)	N3	address	ext. address		
	N4	city	state	zip code	

N301 BT   Attribute 21 of the branch record.

N401 02 03 VN   Randy working on these fields. He needs to provide new attribute numbers
when finished.

General Notes:

SCH Segment	Moved to detail
SCH Segment	SCH05 now using qualifier 996 Required Date
TAX Segment	Deleted
FOB Segment	Deleted
ITD Segment	Removed elements ITD03, ITD05, ITD07
MSG Segment	NEW segment
PO1 Segment	ZZ qualifier used to note a non-stock product