



850 Purchase Order

Functional Group = PO

Purpose:

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. This document contains only the segments and elements processed by Walker and Associates, Inc.

Segment Summary:

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BEG	Beginning Segment for Purchase Order	M	1		
060	PER	Administrative Communications Contact	O	3		
295	N9	Reference Identification	O	1		
289	MSG	Message Text	O	>1		

Details:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - PO1					100000	
010	PO1	Baseline Item Data	M	1		N
180	FOB	F.O.B. Related Instructions	O	>1		
289	MSG	Message Text	O	>1		
LOOP ID - SCH					200	
295	SCH	Line Item Schedule	O	1		N
297	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
050	REF	Reference Identification	O	>1		
LOOP ID - N1					200	
310	N1	Name	O	1		
330	N3	Address Information	O	2		
340	N4	Geographic Location	O	>1		
307	AMT	Monetary Amount	O	1		N

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - CTT					1	
010	CTT	Transaction Totals	O	1		N
020	AMT	Monetary Amount	O	1		N
030	SE	Transaction Set Trailer	M	1		

ST

Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 2

Purpose:

To indicate the start of a transaction set and to assign a control number

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	143	Transaction Set Identifier Code	M	ID	3/3	Used
02	329	Transaction Set Control Number	M	AN	4/9	Used

BEG

Beginning Segment for Purchase Order

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elms: 4

Purpose:

To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	353	Transaction Set Purpose Code	M	ID	2/2	Used
02	92	Purchase Order Type Code	M	ID	2/2	Used
03	324	Purchase Order Number	M	AN	1/22	Used
05	373	Date	M	DT	8/8	Used

Comments:

BEG01 value = 00

BEG02 value = SA Stand Alone Original

BEG05 is the date assigned by the purchaser to purchase order.

PER

Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elms: 4

Purpose:

To identify a person or office to whom administrative communications should be directed

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	366	Contact Function Code	M	ID	2/2	Used
02	93	Name	O	AN	1/60	Used

N9

Reference Identification

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elms: 7

Purpose:

To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	128	Reference Identification Qualifier	M	ID	2/3	Used
03	369	Free-form Description	C	AN	1/45	Used

Comments:

N901 value = 'ZZ'

N903 value = PO Header Notes

MSG

Message Text

Pos: 289	Max: >1
Detail - Optional	
Loop: PO1	Elms: 1

Purpose:

To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	933	Free-Form Message Text	M	AN	1/264	Used

PO1

Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elms: 9

Purpose:

To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	350	Assigned Identification	O	AN	1/20	Used
02	330	Quantity Ordered	C	R	1/15	Used
03	355	Unit or Basis for Measurement Code	O	ID	2/2	Used
04	212	Unit Price	C	R	1/17	Used
05	639	Basis of Unit Price Code	O	ID	2/2	Used
06	235	Product/Service ID Qualifier	C	ID	2/2	Used
07	234	Product/Service ID	C	AN	1/48	Used
08	235	Product/Service ID Qualifier	C	ID	2/2	Used
09	234	Product/Service ID	C	AN	1/48	Used

Comments:

PO101 is Walker purchase order line number and must be used on all returning documents as the PO line number.

PO106 value = IN for buyer's part number

PO108 value = VN for vendor's part number.

FOB

F.O.B. Related Instructions

Pos: 180	Max: >1
Detail - Optional	
Loop: PO1	Elms: 1

Purpose:

To specify transportation instructions relating to shipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	146	Shipment Method of Payment	M	ID	2/2	Used

Comments:

FOB01 indicates which party will pay the carrier.

MSG

Message Text

Pos: 289	Max: >1
Detail - Optional	
Loop: PO1	Elms: 1

Purpose:

To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	933	Free-Form Message Text	M	AN	1/264	Used

SCH

Line Item Schedule

Pos: 295	Max: 1
Detail - Optional	
Loop: SCH	Elms: 5

Purpose:

To specify the data for scheduling a specific line-item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	380	Quantity	M	R	1/15	Used
02	355	Unit or Basis for Measurement Code	M	ID	2/2	Used
05	374	Date/Time Qualifier	M	ID	3/3	Used
06	373	Date	M	DT	8/8	Used
12	350	Assigned Identification	O	AN	1/20	Used

Contains PO Line Number Schedule Number

Comments:

SCH05 value = '074' ship prior to and including date in SCH06.

TD5

Carrier Details (Routing Sequence/Transit Time)

Pos: 297	Max: 12
Detail - Optional	
Loop: SCH	Elms: 2

Purpose:

To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
04	91	Transportation Method/Type Code	C	ID	1/2	Used
05	387	Routing	C	AN	1/35	Used

Comments:

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.

N1 Name

Pos: 310	Max: 1
Heading - Optional	
Loop: N1	Elms: 4

Purpose:

To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	98	Entity Identifier Code	M	ID	2/3	Used
02	93	Name	C	AN	1/60	Used

Comments:

Walker transmits only 1 N1 loop containing shipping information.
N101 Entity Identifier Code = 'ST'

N3 Address Information

Pos: 330	Max: 2
Heading - Optional	
Loop: N1	Elms: 2

Purpose:

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	166	Address Information	M	AN	1/55	Used
02	166	Address Information	O	AN	1/55	Used

N4 Geographic Location

Pos: 340	Max: >1
Heading - Optional	
Loop: N1	Elms: 6

Purpose:

To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	19	City Name	O	AN	2/30	Used
02	156	State or Province Code	O	ID	2/2	Used
03	116	Postal Code	O	ID	3/15	Used

AMT Monetary Amount

Pos: 307	Max: 1
Detail - Optional	
Loop: SCH	Elms: 3

Purpose:

To indicate the total monetary amount

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	522	Amount Qualifier Code	M	ID	1/3	Used
02	782	Monetary Amount	M	R	1/18	Used
03	478	Credit/Debit Flag Code	O	ID	1/1	Used

Comments:

AMT01 = 1 to indicate extended price for PO102 * PO104.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elms: 7

Purpose:

To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	354	Number of Line Items	M	N0	1/6	Used
02	347	Hash Total	O	R	1/10	Used

Comments:

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

AMT Monetary Amount

Pos: 020	Max: 1
Summary - Optional	
Loop: CTT	Elms: 3

Purpose:

To indicate the total monetary amount

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	522	Amount Qualifier Code	M	ID	1/3	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
02	782	Monetary Amount	M	R	1/18	Used
03	478	Credit/Debit Flag Code	O	ID	1/1	Used

Comments:

AMT01 = TT for total amount of Purchase Order.

SE

Transaction Set Trailer

Pos: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elms: 2

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
01	96	Number of Included Segments	M	N0	1/10	Used
02	329	Transaction Set Control Number	M	AN	4/9	Used

Comments:

SE is the last segment of each transaction set.