

Changes 9/2009:
PO1 Segment is mandatory
PO1 segment 02 position is mandatory

Changes 5/2011:
SCH11 – Schedule line identifier

855 Purchase Order Acknowledgment

Functional Group ID=**PR**

Introduction:

This standard provides the format and establishes the data contents of a purchase order acknowledgment transaction set. The purchase order acknowledgment transaction set provides for customary and established business and industry practice relative to a seller's acknowledgment of a buyer's purchase order.

Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	ST	Transaction Set Header	M	Must Use	1		
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	Must Use	1		
						LOOP ID - N9	1000
280	N9	Reference Number	O		1		
290	MSG	Message Text	O		1000		
						LOOP ID - N1	200
300	N1	Name	O		1		

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
						LOOP ID - PO1	100000
010	PO1	Purchase Order Baseline Item Data	M		1		
220	SCH	Line Item Schedule	O		200		n1
						LOOP ID - ACK	104
270	ACK	Line Item Acknowledgment	O		1		
						LOOP ID - N9	1000
350	N9	Reference Number	O		1		
360	MSG	Message Text	O		1000		

Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Base Status</u>	<u>User Status</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
010	CTT	Transaction Totals	M	Must Use	1		n2
030	SE	Transaction Set Trailer	M	Must Use	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
Syntax Notes:
Semantic Notes:
Comments: 1 The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Base</u>	<u>User</u>
<u>Des.</u>	<u>Element</u>		<u>Attributes</u>	<u>Attributes</u>
ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M ID 3/3	>>
ST02	329	Transaction Set Control Number Identifying control number assigned by the originator for a transaction set.	M AN 4/9	>>

Segment: **BAK** Beginning Segment for Purchase Order Acknowledgment
Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

Comments: 1 BAK08 is the seller's order number.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original 06 Confirmation	M ID 2/2	>>
BAK02	587	Acknowledgment Type Code specifying the type of acknowledgment AC Acknowledge - With Detail and Change AK Acknowledge - No Detail or Change	M ID 2/2	>>
BAK03	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22	>>
BAK04	323	Purchase Order Date Date assigned by the purchaser to Purchase Order	M DT 6/6	>>
BAK05	328	Release Number Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	O AN 1/30	
BAK06	326	Request Reference Number Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)	O AN 1/45	
BAK07	367	Contract Number Contract number	O AN 1/30	
BAK08	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	O AN 1/30	
BAK09	588	Acknowledgment Date Date assigned by the sender to the acknowledgment.	O DT 6/6	

Segment: **N9** Reference Number
Position: 280
Loop: N9 Optional
Level: Heading:
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number 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>Base Attributes</u>	<u>User Attributes</u>
N901	128	Reference Number Qualifier Code qualifying the Reference Number. ZZ Mutually Defined	M ID 2/2	>>
N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30	
N903	369	Free-form Description Free-form descriptive text	C AN 1/45	

Segment: **MSG** Message Text
Position: 290
Loop: N9 Optional
Level: Heading:
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
MSG01	933	Free-Form Message Text	M AN 1/264	>>
MSG02	934	Free-form message text Printer Carriage Control Code	O ID 2/2	
		A field to be used for the control of the line feed of the receiving printer		

Segment: N1 Name
Position: 300
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

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
N101	98	Entity Identifier Code Code identifying an organizational entity or a physical location. SE Selling Party	M ID 2/2	>>
N102	93	Name Free-form name	C AN 1/35	
N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	C ID 1/2	
N104	67	Identification Code Code identifying a party.	C AN 2/17	

Segment: **PO1 Purchase Order Baseline Item Data**
Position: 010
Loop: PO1
Level: Detail:
Usage: **Mandatory**
Max Use: 1
Purpose: To specify basic and most frequently used purchase order line item data
Syntax Notes:

- 1 If PO105 is present, then PO104 is required.
- 2 If PO106 is present, then PO107 is required.
- 3 If PO108 is present, then PO109 is required.
- 4 If PO110 is present, then PO111 is required.
- 5 If PO112 is present, then PO113 is required.
- 6 If PO114 is present, then PO115 is required.
- 7 If PO116 is present, then PO117 is required.
- 8 If PO118 is present, then PO119 is required.
- 9 If PO120 is present, then PO121 is required.
- 10 If PO122 is present, then PO123 is required.
- 11 If PO124 is present, then PO125 is required.

Semantic Notes:
Comments:

- 1 See the Data Dictionary for a complete list of ID's.
- 2 PO101 is the line item identification.
- 3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/11	
PO102	330	Quantity Ordered Quantity ordered	M R 1/9	>>
PO103	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	M ID 2/2	>>
PO104	212	Unit Price Price per unit of product, service, commodity, etc.	C R 1/14	
PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) BP Buyer's Part Number	O ID 2/2	
PO107	234	Product/Service ID Identifying number for a product or service	C AN 1/30	
PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) EC Engineering Change	O ID 2/2	
PO109	234	Product/Service ID Identifying number for a product or service	C AN 1/30	

PO102 – Original Order Qty - Required by Honeywell

Segment: **SCH** Line Item Schedule
Position: 220
Loop: PO1 Optional
Level: Detail:
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: 1 If SCH03 is present, then SCH04 is required.
 2 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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
SCH01	380	Quantity Numeric value of quantity	M R 1/15	>>
SCH02	355	Unit or Basis for Measurement Code Code identifying the basic unit of measurement.	M ID 2/2	>>
SCH05	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 069 Promised for Delivery	M ID 3/3	>>
SCH06	373	Date Date (YYMMDD)	M DT 6/6	>>
SCH11	326	Request Reference Number	O AN 1/45	

SCH01 – Scheduled Qty to send to Honeywell
SCH11 – Schedule Line Identifier for VAN suppliers

Segment: **ACK** Line Item Acknowledgment
Position: 270
Loop: ACK Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item
Syntax Notes:

- 1 If ACK02 is present, then ACK03 is required.
- 2 If ACK04 is present, then ACK05 is required.
- 3 If ACK07 is present, then ACK08 is required.
- 4 If ACK09 is present, then ACK10 is required.
- 5 If ACK11 is present, then ACK12 is required.
- 6 If ACK13 is present, then ACK14 is required.
- 7 If ACK15 is present, then ACK16 is required.
- 8 If ACK17 is present, then ACK18 is required.
- 9 If ACK19 is present, then ACK20 is required.
- 10 If ACK21 is present, then ACK22 is required.
- 11 If ACK23 is present, then ACK24 is required.
- 12 If ACK25 is present, then ACK26 is required.

Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
ACK01	668	Line Item Status Code	M ID 2/2	>>
Code specifying the action taken by the seller on a line item requested by the buyer				
		IA	Item Accepted	
		IC	Item Accepted - Changes Made	
		IR	Item Rejected	

Segment: **N9** Reference Number
Position: 350
Loop: N9 Optional
Level: Detail:
Usage: Optional
Max Use: 1
Purpose: To transmit identifying numbers and descriptive information as specified by the reference number 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>Base Attributes</u>	<u>User Attributes</u>
N901	128	Reference Number Qualifier Code qualifying the Reference Number. ZZ Mutually Defined	M ID 2/2	>>
N902	127	Reference Number Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	C AN 1/30	
N903	369	Free-form Description Free-form descriptive text	C AN 1/45	

Segment: **MSG** Message Text
Position: 360
Loop: N9 Optional
Level: Detail:
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: 1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
MSG01	933	Free-Form Message Text	M AN 1/264	>>
MSG02	934	Printer Carriage Control Code Free-form message text A field to be used for the control of the line feed of the receiving printer	O ID 2/2	

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes:

- 1 If CTT03 is present, then CTT04 is required.
- 2 If CTT05 is present, then CTT06 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.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Base</u> <u>Attributes</u>	<u>User</u> <u>Attributes</u>
CTT01	354	Number of Line Items Total number of line items in the transaction set	M N0 1/6	>>

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. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>	<u>User Attributes</u>
SE01	96	Number of Included Segments	M N0 1/6	>>
		Total number of segments included in a transaction set including ST and SE segments		
SE02	329	Transaction Set Control Number	M AN 4/9	>>
		Identifying control number assigned by the originator for a transaction set.		