Agilent Technologies

Agilent Technologies Company Guideline

For

Electronic
Data
Interchange

Transaction Set

855

Purchase Order Acknowledgment- Inbound

Functional Group ID=PR
Version 003
Release 020
March 2002

855   **Purchase Order Acknowledgment**

Functional Group=PR

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.

Notes:

3/010   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.

Trading Partner:

Agilent Trading Partner Specifications for the version 3020 855 PO Acknowledgement, this acknowledgement is in response to an 850 Purchase Order

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - PO1					**100000**		
010	PO1	Purchase Order Baseline Item Data	O	1			Used
LOOP ID - ACK					**104**		
270	ACK	Line Item Acknowledgment	O	1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	CTT	Transaction Totals	M	1		N3/010	Must use
030	SE	Transaction Set Trailer	M	1			Must use

ST   **Transaction Set Header**

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

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

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).

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	**Must use**

Description: Code uniquely identifying a Transaction Set.

Code	Name
855	X12.9 Purchase Order Acknowledgment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	**Must use**

Description: Identifying control number assigned by the originator for a transaction set.

BAK   Beginning Segment for Purchase Order Acknowledgment

Pos: 020   Max: 1
Heading - Mandatory
Loop: N/A   Elements: 5

To indicate the beginning of the purchase order acknowledgment transaction set and transmit identifying numbers and dates.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK01	353	**Transaction Set Purpose Code**	M	ID	2/2	**Must use**

Description: Code identifying purpose of transaction set.

Code	Name
00	Original
01	Cancellation
02	Add
03	Delete
04	Change
05	Replace
06	Confirmation
17	Cancel, to be Reissued
19	Seller initiated change

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK02	587	**Acknowledgment Type**	M	ID	2/2	**Must use**

Description: Code specifying the type of acknowledgment.

Code	Name
AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change
RD	Reject with Detail
RJ	Rejected - No Detail

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK03	324	**Purchase Order Number**	M	AN	1/22	**Must use**

Description: Identifying number for Purchase Order assigned by the orderer/purchaser.

Trading Partner: Agilent Purchase Order Number, this must match the original Purchase Order Number sent to you on the 850 field BEG_03

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK04	323	**Purchase Order Date**	M	DT	6/6	**Must use**

Description: Date assigned by the purchaser to Purchase Order.

Trading Partner: Purchase Order Date - this must match the original Purchase Order Date sent to you on the 850 field BEG_05, Must be in ANSI X12 compliant YYMMDD format.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BAK05	328	**Release Number**	O	AN	1/30	**Used**

Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction.

Trading Partner: Release Number - this must match the original Purchase Order Release Number sent to you on the 850 field BEG_04

PO1   Purchase Order Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	**Elements: 4**

To specify basic and most frequently used purchase order line item data

Comments:

1. See the Data Dictionary for a complete list of ID's.
2. PO101 is the line item identification

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	**350**	**Assigned Identification** **Description:** Alphanumeric characters assigned for differentiation within a transaction set. **Trading Partner:** Original Purchase Order Line Number - must be present and match the value sent on the 850 PO1_01	**O**	**AN**	**1/11**	**Used**
PO102	**330**	**Quantity Ordered** **Description:** Quantity ordered. **Trading Partner:** Original Purchase Order Quantity - must be present and match the value sent on the 850 PO1_02	**M**	**R**	**1/9**	**Must use**
PO103	**355**	**Unit of Measurement Code** **Description:** Code identifying the basic unit of measurement. **Trading Partner:** Original Purchase Order Unit of Measure - must be present and match the value sent on the 850 PO1_03	**M**	**ID**	**2/2**	**Must use**
PO104	**212**	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **Trading Partner:** Original Purchase Order Unit Price - must be present and match the value sent on the 850 PO1_04	**C**	**R**	**1/14**	**Used**

ACK   Line Item Acknowledgment

<table>
<tr><td>Pos: 270</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Optional</td></tr>
<tr><td>Loop: ACK</td><td>Elements: 6</td></tr>
</table>

To acknowledge the ordered quantities and specify the ready date for a specific line item.

Syntax:

C0203 -- If ACK02 is present, then ACK03 is required
C0405 -- If ACK04 is present, then ACK05 is required

Trading Partner:

NOTE: For every PO1 sent on the Purchase Order, we sent at least 1 SCH, for every PO1 sent we need a PO1 in response, and for every SCH sent within the PO1 Loop we will need a corresponding ACK Segment sent back.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK01	668	Line Item Status Code	M	ID	2/2	Must use

Description: Code specifying the action taken by the seller on a line item requested by the buyer.

Code	Name
AC	Item Accepted and Shipped
AR	Item Accepted and Released for Shipment
BP	Item Accepted - Partial Shipment, Balance Backordered
DR	Item Accepted - Date Rescheduled
IA	Item Accepted
IB	Item Backordered
IC	Item Accepted - Changes Made
ID	Item Deleted
IE	Item Accepted, Price Pending
IF	Item on Hold, Incomplete Description
IH	Item on Hold
IP	Item Accepted - Price Changed
IQ	Item Accepted - Quantity Changed
IR	Item Rejected
IS	Item Accepted - Substitution Made
IW	Item on Hold-Waiver Required
SP	Item Accepted - Schedule Date Pending

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK02	380	Quantity	O	R	1/15	Must use

Description: Numeric value of quantity.

Trading Partner: Quantity Ordered from Original Purchase Order - This Quantity was sent in the SCH_01 on the Original Purchase Order, please supply the quantity that you intend to send to us in response, if you are unable to fill the order, send a 0 quantity back in response, this is considered Mandatory by Agilent

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK03	355	Unit of Measurement Code	C	ID	2/2	Used

Description: Code identifying the basic unit of measurement.

Trading Partner: Unit of Measure, this was sent on the Original Purchase Order in the SCH_02, please return the same value in this field

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ACK04	374	Date/Time Qualifier	O	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time.

Trading Partner: "002" - This field must be present as it was sent on the Original Purchase order in the SCH_05

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Code Name
002   Delivery Requested

| ACK05 | 373 | **Date** | C | DT | 6/6 | Used |

Description: Date (YYMMDD).

Trading Partner: Delivery Promised Date - This field must be present as it was sent on the Original Purchase order in the SCH_06, please send us the modified date if applicable, if you do not intend to fill the request, please send back the Original Delivery Requested Date to us.

| ACK06 | 326 | **Request Reference Number** | M | AN | 1/45 | Used |

Description: 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).

Trading Partner: Shipment Number (Shipment Line Number), This is considered to be a mandatory field by Agilent as it was sent to you on the Original Purchase Order field SCH_11, even if you are unable to fill the order, we still need the Shipment Number we sent out on the PO returned here.

CTT   **Transaction Totals**

Pos: 010   Max: 1
Summary - Mandatory
Loop: N/A   Elements: 1

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

Comments:

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set.	M	N0	1/6	**Must use**

SE   Transaction Set Trailer

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

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Comments:

1.   SE is the last segment of each transaction set.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	**96**	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments.	**M**	**N0**	**1/6**	**Must use**
SE02	**329**	**Transaction Set Control Number** **Description:** Identifying control number assigned by the originator for a transaction set.	**M**	**AN**	**4/9**	**Must use**