

## 855

## PURCHASE ORDER ACKNOWLEDGMENT

### Functional Group - PR

This X12 Transaction Set contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

### Interchange Header:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>LP Req</u>	<u>Max Use</u>	<u>Repeat</u>
010	ISA	Interchange Control Header	M	M	1	
020	GS	Functional Group Header	M	M	1	

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>LP Req</u>	<u>Max Use</u>	<u>Repeat</u>
010	ST	Transaction Set Header	M	M	1	
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	M	1	
050	REF	Reference Information	M	M	>1	
150	DTM	Date/Time Reference	M	M	10	

LOOP ID - N1						200
300	N1	Party Identification	M	M	1	

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>LP Req</u>	<u>Max Use</u>	<u>Repeat</u>
LOOP ID - PO1						
100000						
010	PO1	Baseline Item Data	M	M	1	
270	ACK	Line Item Acknowledgment	M	M	40	

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>LP Req</u>	<u>Max Use</u>	<u>Repeat</u>
<b>LOOP ID - CTT</b>						
010	CTT	Transaction Totals	M	M	1	1
030	SE	Transaction Set Trailer	M	M	1	

**Interchange Trailer:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>LP Req</u>	<u>Max Use</u>	<u>Repeat</u>
010	GE	Functional Group Trailer	M	M	1	
020	IEA	Interchange Control Trailer	M	M	1	

## ISA - Interchange Control Header Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	'00'
ISA02	I02	Authorization Information	M	AN	10/10	10 Blanks
ISA03	I03	Security Information Qualifier	M	ID	2/2	'00'
ISA04	I04	Security Information	M	AN	10/10	10 Blanks
ISA05	I05	Sender ID Qualifier	M	ID	2/2	Sender ID Qualifier
ISA06	I06	Sender ID	M	AN	15/15	Sender ID
ISA07	I07	Receiver ID Qualifier	M	ID	2/2	Receiver ID Qualifier
ISA08	I08	Receiver ID	M	AN	15/15	Receiver ID
ISA09	I09	Date	M	DT	6/6	YYMMDD Format
ISA10	I10	Time	M	TM	4/4	HHMM Format
ISA11	I65	Control Standard	M		1/1	'U'
ISA12	I11	Control Version	M	ID	5/5	'00401'
ISA13	I12	Interchange Control Number	M	N0	9/9	Sequential number assigned by vendor
ISA14	I13	Acknowledgement Requested	M	ID	1/1	'0'
ISA15	I14	Test Indicator	M	ID	1/1	'T' - Test 'P' - Production
ISA16	I15	Sub-Element	M		1/1	'>'

## GS - Functional Group Header Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
GS01	479	Functional ID	M	ID	2/2	PR
GS02	142	Sender ID	M	AN	2/15	Sender ID
GS03	124	Receiver ID	M	AN	2/15	Receiver ID
GS04	373	Date	M	DT	8/8	CCYYMMDD Format
GS05	337	Time	M	TM	4/8	HHMMSSDD Format
GS06	28	Group Control Number	M	N0	1/9	Sequential number assigned
GS07	455	Agency Code	M	ID	1/1	'X'
GS08	480	Version	M	AN	1/12	'004010'

**ST - Transaction Set Header**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
ST01	143	Transaction Set Identifier Code	M	ID	3/3	'855' – Purchase Order Acknowledgment
ST02	329	Transaction Set Control Number	M	AN	4/9	Assigned by Sender

**BAK - Beginning segment for Purchase Order Acknowledgment**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	'00' – Original
BAK02	587	Purchase Order Type Code	M	ID	2/2	'AC' – Acknowledge with Detail and Change 'RD' – Rejected with Detail
BAK03	324	Purchase Order Number	M	AN	1/22	
BAK04	373	Date	M	DT	8/8	Purchase Order Date
BAK09	373	Date	M	DT	8/8	Acknowledgment Date

**REF - Reference Information**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
REF01	128	Reference Identification Qualifier	M	ID	2/3	'IA' – Vendor Number (Mandatory) 'VR' – Vendor Code (Mandatory)
REF02	127	Reference Identification	M	AN	1/80	As described in REF01



**DTM - Date/Time Reference**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
DTM01	374	Date/Time Qualifier	M	ID	3/3	'017' – Delivery Date (Mandatory)
DTM02	373	Date	M	DT	8/8	

**N1 - Party Identification**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
N101	98	Entity Identifier Code	M	ID	2/3	'ST' – Ship To (Mandatory)
N103	66	Identification Code Qualifier	M	ID	1/2	'ZZ' – Mutually Defined *Only used for N1*ST
N104	67	Identification Code	M	AN	2/80	Code *Only used for N1*ST

## PO1 - Baseline Item Data (Detail) Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
PO101	350	Assigned Identification	M	AN	1/20	Line #; Must match PO
PO102	330	Quantity Ordered	M	R	1/15	Quantity Ordered
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2	'EA' - Each 'LB' - Pound
PO104	212	Unit Price	M	R	1/17	Unit Price
PO106	235	Product/Service ID Qualifier	M	ID	2/2	'IN' - Customer Item Number
PO107	234	Product/Service ID	M	AN	1/48	Customer Item #
PO108	235	Product/Service ID Qualifier	O	ID	2/2	'VN' - Supplier's Item Number
PO109	234	Product/Service ID	O	AN	1/48	Supplier's Item #
PO110	235	Product/Service ID Qualifier	O	ID	2/2	'UP' - UPC Number
PO111	234	Product/Service ID	O	AN	1/48	UPC #

## ACK - Line Item (Loop PO1) Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Values/Comments
ACK01	668	Line Item Status Code	M	ID	2/2	'DR' - Item Accepted - Date Rescheduled 'IA' - Item Accepted 'IR' - Item Rejected 'IQ' - Item Accepted - Quantity Changed
ACK02	380	Quantity	M	R	1/15	
ACK03	355	Unit or Basis for Measurement Code	M	ID	2/2	'EA' - Each 'LB' - Pound



**CTT - Transaction Totals (Summary)**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
CTT01	354	Number of Line Items	M	N0	1/6	Total number of PO1 segments

**SE - Transaction Set Trailer**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
SE01	96	Number of Included Segments	M	N0	1/10	Number of included segments contained in the 855. From and Including ST and SE.
SE02	329	Transaction Set Control Number	M	AN	4/9	Same as ST02

**GE - Functional Group Trailer**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
GE01	97	Number of Transaction Sets Included	M	ID	1/6	Number of Transaction Sets Included in the Functional Group
GE02	28	Group Control Number	M	AN	1/9	Sequential Number Assigned by Vendor

**IEA - Interchange Control Trailer**  
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
IEA01	116	Number of Functional Groups Included	M	N0	1/5	Number of Functional Groups Included in transmission
IEA02	112	Interchange Control Number	M	N0	9/9	Sequential Number Assigned by Vendor



**SEGMENT USAGE EXAMPLES**

\*Example only contains mandatory fields from above\*

ISA\*00\* \*00\* \*XX\*XXXXXXXXXX \*XX\*XXXXXXXXXX \*180729\*0955\*U\*00401\*000000001\*0\*P\*>~  
GS\*PR\*XXXXXXXXXX\*XXXXXXXXXX\*20180729\*0955\*1\*X\*004010~  
ST\*855\*0001~  
BAK\*00\*AC\*100001\*20180918\*\*\*\*\*20180919~  
REF\*IA\*Vendor ID~  
REF\*VR\*Vendor Code~  
DTM\*017\*20180919~  
N1\*ST\*\*ZZ\*7894~  
PO1\*1\*6\*EA\*99.99\*\*IN\*111222~  
ACK\*IA\*6\*EA~  
PO1\*1\*4\*LB\*79.99\*\*IN\*555666~  
ACK\*IQ\*2\*LB~  
PO1\*1\*5\*EA\*9.99\*\*IN\*777888~  
ACK\*IR\*5\*EA~  
CTT\*3~  
SE\*14\*0001~  
GE\*1\*1~  
IEA\*1\*000000001~