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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>Max Use</u>	<u>Repeat</u>
010	ISA	Interchange Control Header	M	1	
020	GS	Functional Group Header	M	1	

Heading:

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

LOOP ID - N9					1000
280	N9	Extended Reference Information	O	1	
290	MTX	Text	O	>1	

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>
LOOP ID - PO1					100000
010	PO1	Baseline Item Data	M	1	
050	PID	Product/Item Description	M	1000	
090	PO4	Item Physical Details	O	>1	
LOOP ID - ACK					104
270	ACK	Line Item Acknowledgment	M	1	
LOOP ID - N9					1000
350	N9	Extended Reference Information	O	1	
360	MTX	Text	O	>1	



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Summary:

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

Interchange Trailer:

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



Delimiters being used:

- Element: *
- Segment: ~
- Sub-Element/Component: >

Encoding being used:

- UTF-8



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ISA - Interchange Control Header Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
ISA01	101	Authorization Information Qualifier	M	ID	2/2	'00'
ISA02	102	Authorization Information	M	AN	10/10	10 Blanks
ISA03	103	Security Information Qualifier	M	ID	2/2	'00'
ISA04	104	Security Information	M	AN	10/10	10 Blanks
ISA05	105	Sender ID Qualifier	M	ID	2/2	Sender ID Qualifier
ISA06	106	Sender ID	M	AN	15/15	Sender ID
ISA07	107	Receiver ID Qualifier	M	ID	2/2	Receiver ID Qualifier
ISA08	108	Receiver ID	M	AN	15/15	Receiver ID
ISA09	109	Date	M	DT	6/6	YYMMDD Format
ISA10	110	Time	M	TM	4/4	HHMM Format
ISA11	165	Control Standard	M		1/1	'^'
ISA12	111	Control Version	M	ID	5/5	'00501'
ISA13	112	Interchange Control Number	M	N0	9/9	Sequential number assigned by vendor
ISA14	113	Acknowledgement Requested	M	ID	1/1	'0' - No '1' - Yes
ISA15	114	Test Indicator	M	ID	1/1	'T' - Test 'P' - Production
ISA16	115	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	HHMM, HHMMSS, or HHMMSSDD format
GS06	28	Group Control Number	M	N0	1/9	Sequential number assigned by vendor
GS07	455	Agency Code	M	ID	1/1	'X'
GS08	480	Version	M	AN	1/12	'005010'



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	Acknowledgment Type	M	ID	2/2	'AC' – Acknowledge with Detail, Change 'AD' – Acknowledge with Detail, No Change 'AK' – Acknowledge with No Detail or Change 'RD' – Reject with Detail 'RJ' – Reject, No Detail
BAK03	324	Purchase Order Number	M	AN	1/22	
BAK04	373	Date	M	DT	8/8	PO Date
BAK09	373	Date	M	DT	8/8	Acknowledgment Date
*When BAK02 = AC, AD, or RD, PO1 and ACK segments required						
*When BAK02 = AK or RJ, only header level information required						

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' – Internal Vendor Number (Mandatory)
REF02	127	Reference Identification	M	AN	1/30	



DTM - Date/Time Reference
Optional segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
DTM01	374	Date/Time Qualifier	M	ID	3/3	'067' – Current Schedule Delivery
DTM02	373	Date	8/8	DT		

*Only send it current scheduled ship date is changing for the entire order

N9 - Extended Reference Information
Optional segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
N901	128	Reference Identification Qualifier	M	ID	2/3	'L1' – Letters or Note
N902	127	Reference Identification	M	AN	1/80	'GEN' – General Note

*If BAK02 = RD or RJ, a note with a reason must be included.

MTX - Text (Loop N9)
Optional segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
MTX02	1551	Textual Data	M	AN	1/4096	

*If BAK02 = RD or RJ, a note with a reason must be included.



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 value sent on 850
PO102	380	Quantity Ordered	M	R	1/15	Original Quantity Ordered
PO103	355	Unit or Basis for Measurement Code	M	ID	2/2	'CA' - Case 'EA' - Each
PO104	212	Unit Price	M	R	1/17	Unit Price
PO108	235	Product/Service ID Qualifier	C	ID	2/2	'UP' - UPC or 'VN' - Vendor Item Number
PO109	234	Product/Service ID	C	AN	1/48	UPC # or Vendor Item #
PO110	235	Product/Service ID Qualifier	C	ID	2/2	'UP' - UPC or 'VN' - Vendor Item Number
PO111	234	Product/Service ID	C	AN	1/48	UPC # or Vendor Item #
PO112	235	Product/Service ID Qualifier	O	ID	2/2	'SK' - Stock Keeping Unit (SKU)
PO113	234	Product/Service ID	O	AN	1/48	ABC Store's SKU #
*Mandatory unless BAK02 = RJ or AK *If ACK01 = IP, PO104 should be new price. *At least one of PO108/09 or PO110/11 is required						

PID - Product/Item Description (Loop PO1)
Mandatory segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
PID01	349	Item Description type	M	ID	1/1	'F' - Free-form
PID02	750	Product/Process Characteristic Code	M	ID	2/3	'08' - Buyer Product Description (Mandatory) '91' - Buyer's Item Size Description (Optional)
PID05	352	Description	M	AN	1/80	Item Description



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PO4 - Item Physical Details (Loop PO1)
Optional segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
PO401	356	Pack	O	N0	1/6	

ACK - Line Item Acknowledgment (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 'IP' – Item Accepted, Price Changed 'IQ' – Item Accepted, Quantity Changed 'IR' – Item Rejected 'IS' – Item Accepted, Substitution Made
ACK02	380	Quantity	C	R	1/15	Status Qty
ACK03	355	Unit or Basis for Measurement Code	C	ID	2/2	'CA' - Case 'EA' - Each
ACK04	374	Date Qualifier	C	ID	3/3	'067' – Current Schedule Delivery
ACK05	373	Date	C	DT	8/8	
*ACK02 and ACK03 required when ACK01 = DR or IQ						
*ACK04 and ACK05 required when ACK01 = DR						

N9 - Extended Reference Information (Loop PO1)
Optional segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
N901	128	Reference Identification Qualifier	M	ID	2/3	'L1' – Letters or Note
N902	127	Reference Identification	M	AN	1/80	'GEN' – General Note
*If ACK01 = IR, a note with a reason must be included.						



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MTX - Text (Loop N9)
Optional segment

Ref	Ref ID	Description	Req	Type	Min / Max	Qualifiers/Definitions
MTX02	1551	Textual Data	M	AN	1/4096	
*If ACK01 = IR, a note with a reason must be included.						



CTT - Transaction Totals (Summary)
Optional 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



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SEGMENT USAGE EXAMPLES

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ISA*00*      *00*      *ZZ*SENDER      *12*RECEIVER      *240405*0955*^*00501*000000001*0*P*>~
GS*PR*SENDER*RECEIVER*20240405*0955*1*X*005010~
ST*855*0001~
BAK*00*AC*PO100*20240404*****20240405~
REF*IA*VENDNUM~
DTM*067*20240408~
PO1*1*50*CA*5.97***VN*111222*UP*123456789012*SK*333444~
PID*F*08***Item Description 1~
PID*F*91***Size 1~
PO4*2~
ACK*IA~
PO1*2*10*CA*1.97***VN*555666*UP*345678901234*SK*777888~
PID*F*08***Item Description 2~
PID*F*74***Size 2~
PO4*1~
ACK*IQ*5*CA~
CTT*2~
SE*16*0001~
GE*1*1~
IEA*1*000000001~

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