HD Supply Facilities Maintenance

855 Purchase Order Acknowledgment

Version 4060

Purpose: 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 canbe 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 buyerthat a vendor has or will ship merchandise as prearranged in their partnership.

855 Purchase Order

Functional Group = PR

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	100	ST	Transaction Set Header
M	M	1	200	BAK	Beginning Segment for Purchase Order Acknowledgment
M	O	1	400	CUR	Currency
M	O	>1	500	REF	Reference Information
M	O	10	1500	DTM	Date/Time Reference

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME	
				LOOP PO1	**Max: 100000**	**Required**
M	M	1	100	PO1	Baseline Item Data	
M	O	25	300	PO3	Additional Item Detail	
				LOOP ACK	**Max: 104**	**Required**
M	M	1	2700	ACK	Line Item Acknowledgment	
				LOOP N9	**Max: 1000**	**Optional**
O	M	1	3500	N9	Extended Reference Information	
O	O	>1	3600	MTX	Text	

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME	
				LOOP CTT	**Max: 1**	**Required**
M	M	1	100	CTT	Transaction Totals	
M	M	1	300	SE	Transaction Set Trailer	

ST Transaction Set Header

ST

Position: 100
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose: To indicate the start of a transaction set and to assign a control number
Semantics:
1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Example Data:
ST*855*00001

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Se 855 Purchase Order Acknowledgment	ID	3/3
M	M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	AN	4/9

BAK Beginning Segment for Purchase Order Acknowledgment

BAK

Position: 200
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose: To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates
Semantics:
1. BAK02 if you use RD and you are rejecting the entire order you must provide a reason in N9.
2. BAK04 is the date assigned by the purchaser to purchase order.
3. BAK08 is the seller's order number.
4. BAK09 is the date assigned by the sender to the acknowledgment.
Example Data: BAK*00*AD*4700000001*20200110***11011967*20200110

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BAK01	353	Transaction Set Purpose Code	ID	2/2
				Code identifying purpose of transaction set		
				00 Original		
M	M	BAK02	587	Acknowledgment Type	ID	2/2
				Code specifying the type of acknowledgment		
				AC Acknowledge - With Detail and Change		
				AD Acknowledge - With Detail, No Change		
				RD Reject with Detail		
M	M	BAK03	324	Purchase Order Number	AN	1/22
				Identifying number for Purchase Order assigned by the orderer/purchaser		
M	M	BAK04	373	Date	DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		
M	O	BAK08	127	Reference Identification	AN	1/50
				Vendor Sales Order Number		
M	O	BAK09	373	Date	DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year . (Vendor Sales order date)		

CUR Currency

CUR

Position: 400
Loop:
Level: Header
User Req: Required
Max Use: 1
Notes: User Option (Usage): Must use
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Example Data: CUR*BY*USD
HDS Comments: ISO definition - USD = United States Dollars

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CUR01	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual BY Buying Party (Purchaser)	ID	2/3
M	M	CUR02	100	Currency Code Code (Standard ISO) for country in whose currency the charges are specified	ID	3/3

REF Reference Information

Position: 500
Loop:
Level: Header
User Req: Required
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify identifying information
Syntax Rules:
1. R0203 - At least one of REF02 or REF03 is required.
Example Data:
REF*VR*5900
HDS Comments: REF01 must be the same number that was received on the 850 Purchase order in the REF01 VR segment.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification VR Vendor ID Number	ID	2/3
M	O	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	AN	1/50

DTM Date/Time Reference

DTM

Position: 1500
Loop:
Level: Header
User Req: Required
Max Use: 10
Notes: User Option (Usage):
Must use
Purpose:
To specify pertinent dates and times
Example Data:
DTM*010*20100104

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	DTM01	374	Date/Time Qualifier	ID	3/3
				Code specifying type of date or time, or both date and time		
				010 Requested Ship		
M	O	DTM02	373	Date	DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year		

PO1 Baseline Item Data

PO1

Position: 100
Loop: PO1
Level: Detail
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To specify basic and most frequently used line item data
Syntax Rules:
1. P1011 - If either PO110 or PO111 is present, then the other is required.
Example Data: PO1*2*3*EA*32.97**VP*09620*SK*213310*UP*012345678905
HDS Comments:
1. PO101 is the line item identification, which refers to the original Purchase Order line item number. This MUST be the same as the Purchase Order received.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	PO101	350	Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set	AN	1/20
M	O	PO102	380	Quantity Numeric value of quantity	R	1/15
M	O	PO103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken HDS Comments: The same UOM received on the Purchase Order must be returned on the Purchase Order Acknowledgment. BA Bale BG Bag BO Bottle BX Box CA Case CT Carton DI Dispenser DZ Dozen EA Each FT Foot IN Inch KT Kit PK Package	ID	2/2

				PR Pair		
				RL Roll		
				SF Square Foot		
				TB Tube		
				VI Vial		
M	O	PO104	212	Unit Price Price per unit of product, service, commodity, etc.	R	1/17
M	O	PO106	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID VP Vendor's (Seller's) Part Number	ID	2/2
M	O	PO107	234	Product/Service ID Identifying number for a product or service	AN	1/48
M	O	PO108	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID SK Stock Keeping Unit (SKU)	ID	2/2
M	O	PO109	234	Product/Service ID Identifying number for a product or service	AN	1/48
O	O	PO110	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID UP UCC - 12	ID	2/2
O	O	PO111	234	Product/Service ID Identifying number for a product or service	AN	1/48

PO3 Additional Item Detail

PO3

Position: 300
Loop: PO1
Level: Detail
User Req: Required
Max Use: 25
Notes: User Option (Usage):
Must use
Purpose:
To specify basic and most frequently used line item data
Example Data:
PO3*ZZ**NET*75.52**100*EA

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	PO301	371	Change Reason Code	ID	2/2
				Code specifying the reason for price or quantity change		
				ZZ Mutually Defined		
M	O	PO303	236	Price Identifier Code	ID	3/3
				Alphanumeric characters assigned for differentiation within a transaction set		
				NET Net Item Price		
M	O	PO304	212	Unit Price	R	1/17
				Price per Unit		
M	M	PO306	380	Quantity	R	1/15
				Numeric Value of Quantity		
M	M	PO307	355	Unit or Basis for Measurement Code	ID	2/2
				Unit of Measure		

ACK Line Item Acknowledgment

Position: 2700
Loop: ACK
Level: Detail
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
Purpose:
To acknowledge the ordered quantities and specify the ready date for a specific line item
Example Data:
ACK*IA*2*EA*055*CCYYMMDD
HDS Comments:
Code : Name
DR : Item Accepted Date Rescheduled (Must provide reason in N9)
IH : Item on Hold (Must provide reason in N9)
IR : Item Rejected (Only use if entire item is being rejected due to not able to fill and must provide reason in N9)
IS : Item Accepted Substitution Made (Only use for part number replacements and must provide reason in N9)
** If returning 2 ACK segments for a single line item on PO and DR is one of them DR must be the first one listed for the line item. The Second ACK Code must have a quantity of 0 (zero) .
Example:
PO1*1*100*EA*75.9**VP*HSBR240S*SK*285667
PO3*ZZ**NET*75.52**100*EA
ACK*DR*100*EA*055*20200110
ACK*IP*0*EA*055*20200110 (Notice ACK02 is 0)
***If you are returning 2 ACK segments for a single line item and they both require a note.
Example:
PO1*1*100*EA*75.9**VP*HSBR240S*SK*285667
PO3*ZZ**NET*75.52**100*EA
ACK*DR*100*EA*055*20200110
ACK*IS*0*EA*055*20200110 (Notice ACK02 is 0)
N9*L1*NOTES
MTX*ADD*DATE CHANGED DUE TO WEATHER
MTX*ADD*SUBSTITUTE PART

User Req	Req Des.	Ref. Des.	Data Element	Element Name		Data Type	Min/Max Len.
M	M	ACK01	668	Line Item Status Code Code specifying the action taken by the seller on a line item requested by the buyer. HDS Comments: No other codes will be accepted.		ID	2/2
				DR	Item Accepted - Date Rescheduled		
				IA	Item Accepted		
				IB	Item Backordered		
				IH	Item on Hold		

				IP	Item Accepted - Price Changed		
				IQ	Item Accepted - Quantity Changed		
				IR	Item Rejected		
				IS	Item Accepted - Substitution Made		
M	O	ACK02	380	Quantity		R	1/15
				Numeric value of quantity			
M	O	ACK03	355	Unit or Basis for Measurement Code		ID	2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken HDS Comments: The same UOM received on the Purchase Order must be the same one returned on the Purchase Order Acknowledgment.			
				BA	Bale		
				BG	Bag		
				BO	Bottle		
				BX	Box		
				CA	Case		
				CT	Carton		
				DI	Dispenser		
				DZ	Dozen		
				EA	Each		
				FT	Foot		
				IN	Inch		
				KT	Kit		
				PK	Package		
				PR	Pair		
				RL	Roll		
				SF	Square Foot		
				TB	Tube		
				VI	Vial		
M	O	ACK04	374	Date/Time Qualifier		ID	3/3
				Code specifying type of date or time, or both date and time			
				055	Confirmed deliver by date		
M	O	ACK05	373	Date		DT	8/8
				Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year			

N9 Extended Reference Information

N9

Position: 3500
Loop: N9
Level: Detail
User Req: Optional
Max Use: 1
Notes: User Option (Usage):
Used
Example Data:
N9*L1*Notes

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N901	128	Reference Identification Qualifier	ID	2/3
				Code qualifying the Reference Identification		
				L1 Letters or Notes		
M	O	N902	127	Reference Identification	AN	1/50
				Reference Identification (Example: Notes)		

MTX Text

Position: 3600
Loop: N9
Level: Detail
User Req: Optional
Max Use: >1
Notes: User Option (Usage):
Used
Purpose:
To specify textual data
Syntax Rules:
1. C0102 - If MTX01 is present, then MTX02 is required.
2. C0302 - If MTX03 is present, then MTX02 is required.
Example Data:
MTX*ADD*Line Item held until MM/DD/YYYY for <reason>
HDS Comments:
If the reject codes in ACK01 are any of the following, it is required that you tell us why by adding a note in MTX02.
Code : Name
DR : Item Accepted Date Rescheduled (Must provide reason in N9)
IH : Item on Hold (Must provide reason in N9)
IR : Item Rejected (Only use if entire item is being rejected due to not able to fill and must provide reason in N9)
IS : Item Accepted Substitution Made (Only use for part number replacements and must provide reason in N9)

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	MTX01	363	Note Reference Code Code identifying the functional area or purpose for which the note applies ADD Additional Information	ID	3/3
M	O	MTX02	1551	Textual Data To transmit large volumes of message text	AN	1/4096
O	O	MTX03	1551	Textual Data To transmit large volumes of message text	AN	1/4096

CTT Transaction Totals

CTT

Position: 100
Loop: CTT
Level: Summary
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Used
Purpose:
To transmit a hash total for a specific element in the transaction set
Example Data:
CTT*4*100
HDS Comments:
CTT01 = the total count of line items within the POA.
CTT02 = the total count of Quantity of all the lines listed in the POA
.
This segment is intended to provide hash totals to validate transaction completeness and correctness.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	CTT01	354	Number of Line Items Total number of line items in the transaction set	N0	1/6
M	O	CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. -------- 1855 Hash Total	R	1/10

SE Transaction Set Trailer

SE

Position: 300
Loop:
Level: Summary
User Req: Required
Max Use: 1
Notes: User Option (Usage):
Must use
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)
Example Data:
SE*10*0001
HDS Comments:
SE is the last segment of each transaction set.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SE01	96	Number of Included Segments	N0	1/10
				Total number of segments included in a transaction set including ST and SE segments		
M	M	SE02	329	Transaction Set Control Number	AN	4/9
				Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		