855 Purchase Order Acknowledgment

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Functional Group ID=PR

</div>

Introduction:

This Draft Standard for Trial Use 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.

Notes:

This document identifies the AAFES business requirements for the 855, Purchase Order Acknowledgment, in support of the Store Vendor Managed Inventory Program. Segments that are required by AAFES, but not required by the standards, are marked "RECOMMENDED". Elements marked "R" are required by AAFES and must be received in the transmission to pass application requirements. All unmarked segments & elements may be transmitted as necessary.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
6	010	ST	Transaction Set Header	M	1		
7	020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		
Not Used	040	CUR	Currency	O	1		
Not Used	050	REF	Reference Identification	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	>1		
Not Used	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
Not Used	110	CSH	Sales Requirements	O	1		
			LOOP ID - SAC			25	
Not Used	120	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	125	CUR	Currency	O	1		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		
Not Used	140	DIS	Discount Detail	O	20		
Not Used	145	INC	Installment Information	O	1		
8	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
Not Used	185	SI	Service Characteristic Identification	O	>1		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
9	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		

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				Req.		Loop	Notes and
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	270	MAN	Marks and Numbers	O	10		
Not Used	275	TXI	Tax Information	O	>1		
Not Used	277	CTB	Restrictions/Conditions	O	>1		
			LOOP ID - N9			1000	
Not Used	280	N9	Reference Identification	O	1		
Not Used	285	DTM	Date/Time Reference	O	>1		
Not Used	290	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
10	300	N1	Name	O	1		
Not Used	310	N2	Additional Name Information	O	2		
Not Used	320	N3	Address Information	O	2		
Not Used	330	N4	Geographic Location	O	1		
Not Used	335	NX2	Location ID Component	O	>1		
Not Used	340	REF	Reference Identification	O	12		
Not Used	350	PER	Administrative Communications Contact	O	>1		
Not Used	355	SI	Service Characteristic Identification	O	>1		
Not Used	360	FOB	F.O.B. Related Instructions	O	1		
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	390	TD3	Carrier Details (Equipment)	O	12		
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	410	PKG	Marking, Packaging, Loading	O	25		
Not Used	420	MSG	Message Text	O	>1		
			LOOP ID - ADV			>1	
Not Used	430	ADV	Advertising Demographic Information	O	1		
Not Used	440	DTM	Date/Time Reference	O	>1		
Not Used	450	MTX	Text	O	>1		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
11	010	PO1	Baseline Item Data	O	1		n2
Not Used	015	LIN	Item Identification	O	>1		
Not Used	018	SI	Service Characteristic Identification	O	>1		
Not Used	020	CUR	Currency	O	1		
Not Used	030	PO3	Additional Item Detail	O	25		
Not Used	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
Not Used	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
Not Used	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
Not Used	070	PWK	Paperwork	O	25		
Not Used	090	PO4	Item Physical Details	O	>1		
Not Used	100	REF	Reference Identification	O	>1		
Not Used	110	PER	Administrative Communications Contact	O	3		

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			LOOP ID - SAC			25	
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	135	CUR	Currency	O	1		
Not Used	140	IT8	Conditions of Sale	O	1		
Not Used	142	CSH	Sales Requirements	O	>1		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	165	INC	Installment Information	O	1		
Not Used	170	TAX	Tax Reference	O	>1		
Not Used	180	FOB	F.O.B. Related Instructions	O	>1		
Not Used	190	SDQ	Destination Quantity	O	500		
Not Used	200	DTM	Date/Time Reference	O	10		
Not Used	210	LDT	Lead Time	O	12		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	1		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
			LOOP ID - ACK			104	
Not Used	270	ACK	Line Item Acknowledgment	O	1		
Not Used	280	DTM	Date/Time Reference	O	1		
Not Used	290	MAN	Marks and Numbers	O	10		
Not Used	293	AMT	Monetary Amount	O	1		n3
Not Used	295	CTB	Restrictions/Conditions	O	>1		
Not Used	296	TXI	Tax Information	O	>1		
			LOOP ID - QTY			>1	
Not Used	300	QTY	Quantity	O	1		
Not Used	302	SI	Service Characteristic Identification	O	>1		
			LOOP ID - PKG			200	
Not Used	303	PKG	Marking, Packaging, Loading	O	1		
Not Used	305	MEA	Measurements	O	>1		
			LOOP ID - SCH			200	
Not Used	310	SCH	Line Item Schedule	O	1		n4
Not Used	315	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	320	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	330	TD3	Carrier Details (Equipment)	O	12		
Not Used	340	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5		
Not Used	345	REF	Reference Identification	O	>1		
			LOOP ID - N9			1000	
Not Used	350	N9	Reference Identification	O	1		
Not Used	355	DTM	Date/Time Reference	O	>1		
Not Used	360	MSG	Message Text	O	1000		
			LOOP ID - N1			200	
Not Used	370	N1	Name	O	1		
Not Used	380	N2	Additional Name Information	O	2		
Not Used	390	N3	Address Information	O	2		
Not Used	400	N4	Geographic Location	O	1		

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Not Used	405	NX2	Location ID Component	O	>1	
Not Used	410	REF	Reference Identification	O	12	
Not Used	420	PER	Administrative Communications Contact	O	3	
Not Used	425	SI	Service Characteristic Identification	O	>1	
Not Used	426	DTM	Date/Time Reference	O	1	
Not Used	430	FOB	F.O.B. Related Instructions	O	1	
Not Used	435	SCH	Line Item Schedule	O	200	
Not Used	440	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	450	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	460	TD3	Carrier Details (Equipment)	O	12	
Not Used	470	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	475	QTY	Quantity	O	>1	
Not Used	480	PKG	Marking, Packaging, Loading	O	25	
			LOOP ID - SLN			1000
Not Used	490	SLN	Subline Item Detail	O	1	
Not Used	495	MSG	Message Text	O	>1	
Not Used	500	SI	Service Characteristic Identification	O	>1	
Not Used	510	PID	Product/Item Description	O	1000	
Not Used	520	PO3	Additional Item Detail	O	25	
Not Used	522	CTP	Pricing Information	O	25	
Not Used	523	PAM	Period Amount	O	10	
Not Used	530	ACK	Line Item Acknowledgment	O	104	
			LOOP ID - SAC			10
Not Used	540	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
Not Used	545	CUR	Currency	O	1	
Not Used	550	DTM	Date/Time Reference	O	10	
Not Used	554	PO4	Item Physical Details	O	1	
Not Used	557	TAX	Tax Reference	O	3	
Not Used	558	ADV	Advertising Demographic Information	O	>1	
			LOOP ID - QTY			>1
Not Used	559	QTY	Quantity	O	1	
Not Used	561	SI	Service Characteristic Identification	O	>1	
			LOOP ID - N9			>1
Not Used	563	N9	Reference Identification	O	1	
Not Used	564	DTM	Date/Time Reference	O	>1	
Not Used	565	MSG	Message Text	O	>1	
			LOOP ID - N1			10
Not Used	576	N1	Name	O	1	
Not Used	578	N2	Additional Name Information	O	2	
Not Used	580	N3	Address Information	O	2	
Not Used	590	N4	Geographic Location	O	1	
Not Used	600	NX2	Location ID Component	O	>1	
Not Used	610	REF	Reference Identification	O	12	
Not Used	620	PER	Administrative Communications Contact	O	3	
Not Used	625	SI	Service Characteristic Identification	O	>1	

Summary:

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Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
12	010	CTT	Transaction Totals	O	1		n5
Not Used	020	AMT	Monetary Amount	O	1		n6
13	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.

2. PO102 is required.

3. If AMT is used in the detail area, then AMT01 will = 1 and AMT02 will indicate total line amount as calculated by the sender.

4. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.

5. 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.

6. If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

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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:	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).
Comments:		

Data Element Summary

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

Army and Air Force Exchange Service

	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:	1 BAK04 is the date assigned by the purchaser to purchase order.
		2 BAK08 is the seller's order number.
		3 BAK09 is the date assigned by the sender to the acknowledgment.
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	BAK01	353	**Transaction Set Purpose Code**	M	ID 2/2
			Code identifying purpose of transaction set		
			00 Original		
			06 Confirmation		
M	BAK02	587	**Acknowledgment Type**	M	ID 2/2
			Code specifying the type of acknowledgment		
			AP Acknowledge - Product Replenishment		
M	BAK03	324	**Purchase Order Number**	M	AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser		
			Purchase order numbers are pre-assigned in XP001 or XP002 in the TS 852.		
M	BAK04	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		

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Segment:	**DTM** Date/Time Reference	
Position:	150	
Loop:		
Level:	Heading	
Usage:	Optional (Recommended)	
Max Use:	10	
Purpose:	To specify pertinent dates and times	
Syntax Notes:	1	At least one of DTM02 DTM03 or DTM05 is required.
	2	If DTM04 is present, then DTM03 is required.
	3	If either DTM05 or DTM06 is present, then the other is required.
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
M	DTM01	374	**Date/Time Qualifier**		M	ID 3/3
			Code specifying type of date or time, or both date and time			
			067	Current Schedule Delivery		
			068	Current Schedule Ship		
R	DTM02	373	**Date**		X	DT 8/8
			Date expressed as CCYYMMDD			

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Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)
Position:	240
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2 If TD502 is present, then TD503 is required.
	3 If TD507 is present, then TD508 is required.
	4 If TD510 is present, then TD511 is required.
	5 If TD513 is present, then TD512 is required.
	6 If TD514 is present, then TD513 is required.
	7 If TD515 is present, then TD512 is required.
Semantic Notes:	1 TD515 is the country where the service is to be performed.
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD504	**91**	**Transportation Method/Type Code**	**X ID 1/2**
		Code specifying the method or type of transportation for the shipment	
		M Motor (Common Carrier)	
		U Private Parcel Service	
TD505	**387**	**Routing**	**X AN 1/35**
		Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	
		If the Carrier name is known at the time of transmission, please include.	

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Segment:	**N1** Name	
Position:	300	
Loop:	N1	Optional (Recommended)
Level:	Heading	
Usage:	Optional (Recommended)	
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.
	2	N105 and N106 further define the type of entity in N101.
Notes:	**AAFES will accept two N1 loops.**	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			ST	Ship To	
			VN	Vendor	
R	N102	93	**Name**	X	AN 1/60
			Free-form name		
R	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			92	Assigned by Buyer or Buyer's Agent	
R	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		

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Segment:	**PO1** Baseline Item Data	
Position:	010	
Loop:	PO1	Optional (Recommended)
Level:	Detail	
Usage:	Optional (Recommended)	
Max Use:	1	
Purpose:	To specify basic and most frequently used line item data	
Syntax Notes:	1	If PO103 is present, then PO102 is required.
	2	If PO105 is present, then PO104 is required.
	3	If either PO106 or PO107 is present, then the other is required.
	4	If either PO108 or PO109 is present, then the other is required.
	5	If either PO110 or PO111 is present, then the other is required.
	6	If either PO112 or PO113 is present, then the other is required.
	7	If either PO114 or PO115 is present, then the other is required.
	8	If either PO116 or PO117 is present, then the other is required.
	9	If either PO118 or PO119 is present, then the other is required.
	10	If either PO120 or PO121 is present, then the other is required.
	11	If either PO122 or PO123 is present, then the other is required.
	12	If either PO124 or PO125 is present, then the other is required.
Semantic Notes:		
Comments:	1	See the Data Element Dictionary for a complete list of IDs.
	2	PO101 is the line item identification.
	3	PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
R	PO102	330	**Quantity Ordered**	X	R 1/15
			Quantity ordered		
R	PO103	355	**Unit or Basis for Measurement Code**	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			EA Each		
R	PO106	235	**Product/Service ID Qualifier**	X	ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
			EN European Article Number (EAN) (2-5-5-1)		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
R	PO107	234	**Product/Service ID**	X	AN 1/48
			Identifying number for a product or service		

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Segment:	**CTT** Transaction Totals
Position:	010
Loop:	CTT Optional (Recommended)
Level:	Summary
Usage:	Optional (Recommended)
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	CTT01	354	**Number of Line Items**	M N0 1/6
			Total number of line items in the transaction set	

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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

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