

KGP Telecommunications

855 v. 4010

VERSION: 1.0 FINAL

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855 Purchase Order Acknowledgment

Functional Group=PR

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.

Heading:

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

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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LOOP ID - PO1

100000

010	PO1	Baseline Item Data	O	1		N2/010	Used
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LOOP ID - ACK

104

270	ACK	Line Item Acknowledgment	O	1			Used
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LOOP ID - SCH

200

310	SCH	Line Item Schedule	O	1		N2/310	Used
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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>	<u>Notes</u>	<u>Usage</u>
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LOOP ID - CTT

1

010	CTT	Transaction Totals	O	1		N3/010	Used
030	SE	Transaction Set Trailer	M	1			Must use

Notes:

- 2/010 PO102 is required.
- 2/310 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.
- 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.

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>855</td> <td>Purchase Order Acknowledgment</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	855	Purchase Order Acknowledgment				
<u>Code</u>	<u>Name</u>									
855	Purchase Order Acknowledgment									
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use				

Semantics:

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 6

To indicate the beginning of the Purchase Order Acknowledgment Transaction Set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	
BAK01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set	M	ID	2/2	Must use	
BAK02	587	Acknowledgment Type Description: Code specifying the type of acknowledgment	M	ID	2/2	Must use	See below
BAK03	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use	
BAK04	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use	
BAK08	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Used	
BAK09	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8	Used	

Semantics:

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.

AC Acknowledge - With Detail and Change
 AD Acknowledge - With Detail, No Change
 AE Acknowledge - With Exception Detail Only

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Optional	
Loop: PO1	Elements: 8

To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
PO102	330	Quantity Ordered Description: Quantity ordered	C	R	1/15	Used
PO103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O	ID	2/2	Used
PO104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	C	R	1/17	Used
PO105	639	Basis of Unit Price Code Code identifying the type of unit price for an item HP Price per Hundred LC Catalog Price per Hundred LE Catalog Price per Each LM Catalog Price per Thousand PE Price per Each QE Quoted Price per Each QH Quoted Price per Hundred QS Quoted Price per Thousand TC Contract Price per Hundred TE Contract Price per Each TM Contract Price per Thousand TP Price per Thousand	O	ID 2/2	MU	
PO106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
PO107	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used
PO108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
PO109	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used

Syntax:

1. PO103 C0302 -- If PO103 is present, then PO102 is required
2. PO105 C0504 -- If PO105 is present, then PO104 is required
3. PO106 P0607 -- If either PO106 or PO107 are present, then the others are required.
4. PO108 P0809 -- If either PO108 or PO109 are present, then the others are required.
5. PO110 P1011 -- If either PO110 or PO111 are present, then the others are required.
6. PO112 P1213 -- If either PO112 or PO113 are present, then the others are required.
7. PO114 P1415 -- If either PO114 or PO115 are present, then the others are required.
8. PO116 P1617 -- If either PO116 or PO117 are present, then the others are required.
9. PO118 P1819 -- If either PO118 or PO119 are present, then the others are required.
10. PO120 P2021 -- If either PO120 or PO121 are present, then the others are required.
11. PO122 P2223 -- If either PO122 or PO123 are present, then the others are required.
12. PO124 P2425 -- If either PO124 or PO125 are present, then the others are required.

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.

User Note 1:

KGP requires the Buyer's Item Number, sent on the PO qualified by IN.

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Optional	
Loop: ACK	Elements: 5

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

M	ACK01	374	Date/Time Qualifier	M	ID 3/3
			Code specifying type of date or time, or both date and time		
			002 Delivery Requested		
			010 Requested Ship		
			011 Shipped		
			017 Estimated Delivery		
			037 Ship Not Before		
			038 Ship No Later		
			055 Confirmed		
			065 1st Schedule Delivery		
			066 1st Schedule Ship		
			068 Current Schedule Ship		
			069 Promised for Delivery		
			079 Promised for Shipment		
	ACK05	373	Date	X	DT 8/8

Element Summary:

ACK01	668	Line Item Status Code	M	ID 2/2	M
		Code specifying the action taken by the seller on a line item requested by the buyer			
		This element is required by ANSI Standards if the segment is used. See the segment 'Usage' field located at the start of this segment.			
		Refer to 004010 Data Element Dictionary for acceptable code values.			
ACK02	380	Quantity	X	R 1/15	MU
		Numeric value of quantity			
		This element is required by ANSI Standards if the segment is used. See the segment 'Usage' field located at the start of this segment.			
ACK03	355	Unit or Basis for Measurement Code	X	ID 2/2	MU
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
		This element is required by ANSI Standards if the segment is used. See the segment 'Usage' field located at the start of this segment.			
		Refer to 004010 Data Element Dictionary for acceptable code values.			
ACK04	374	Date/Time Qualifier	O	ID 3/3	MU
		Code specifying type of date or time, or both date and time			
		This element is required by ANSI Standards if the segment is used. See the segment 'Usage' field located at the start of this segment.			
		079 Promised for Shipment			
ACK05	373	Date	X	DT 8/8	MU
		Date expressed as CCYYMMDD			
		This element is required by ANSI Standards if the segment is used. See the segment 'Usage' field located at the start of this segment.			

SCH Line Item Schedule

Pos: 310	Max: 1
Detail - Optional	
Loop: SCH	Elements: 5

To specify the data for scheduling a specific line-item

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SCH01	380	Quantity Description: Numeric value of quantity	M	R	1/15	Must use
SCH02	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use
SCH04	93	Name Description: Free-form name	C	AN	1/60	Used
SCH05	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use
SCH06	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use

Syntax:

1. SCH03 C0304 -- If SCH03 is present, then SCH04 is required
2. SCH08 L080910 -- If SCH08 is present, then at least one of SCH09 or SCH10 is required.
3. SCH09 C0908 -- If SCH09 is present, then SCH08 is required
4. SCH10 C1008 -- If SCH10 is present, then SCH08 is required

Semantics:

1. SCH12 is the schedule identification.

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.
2. Estimated Ship Date or Arrival Date may be sent in either the SCH or ACK segment.

User Note 1:

KGP requires either a Scheduled Ship date or Arrive by date.

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: CTT	Elements: 1

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

Element Summary:

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

Syntax:

1. CTT03 P0304 -- If either CTT03 or CTT04 are present, then the others are required.
2. CTT05 P0506 -- If either CTT05 or CTT06 are present, then the others are required.

Comments:

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

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)

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

- SE is the last segment of each transaction set.

SAMPLE:

BAK~00~AC~53558~20010727~1GS8591ZZ~20010731*
PO1~0001~25~EA~185.25~UI~05113888271~IN~300098449*
ACK~IA~25~EA~VO~MV22620*
PO1~0002~2000~EA~.63~UI~05113811505~IN~000034009*
ACK~DR~2000~EA~068~20010810~VO~MV22618*
PO1~0003~30000~EA~.03~UI~05400768538~IN~000519769*
ACK~DR~30000~EA~068~20010810~VO~MV22618*
PO1~0004~50~KT~35.66~UI~05400792965~IN~000041038*
ACK~DR~50~KT~068~20010810~VO~MV22618*
PO1~0005~50~EA~16.05~UI~05400757218~IN~000042190*
ACK~IB~50~KT~VO~SO31793*
PO1~0006~10~EA~73.19~UI~05113877635~IN~102902376*
ACK~DR~10~EA~068~20010808~VO~MV22619*
PO1~0007~50~EA~69.14~UI~05113877645~IN~102902384*
ACK~DR~50~EA~068~20010808~VO~MV22619*
PO1~0008~100~EA~43.06~UI~05113877640~IN~103652624*
ACK~DR~100~EA~068~20010808~VO~MV22619*
PO1~0009~15~EA~21.55~UI~05400792651~IN~300033842*
ACK~IA~15~EA~VO~MV22620*
PO1~0010~100~EA~1.64~UI~05113877990~IN~300147493*
ACK~DR~100~EA~068~20010808~VO~MV22619*
CTT~10*