

855 Purchase Order Acknowledgement

Functional Group ID=**PR**

Introduction:

This Standard 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 seller uses this transaction set to provide B&H with an acknowledgment of their original purchase order. The purchase order acknowledgment is also used to advise B&H that merchandise will be shipped as requested and to notify of any quantity or price changes so that potential problems can be avoided prior to shipping and billing.

Heading:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
000	ISA	Interchange Control Header	M	1	
000	GS	Functional Group Header	M	1	
010	ST	Transaction Set Header	M	1	
020	BAK	Beginning Segment for Purchase Order	M	1	
050	REF	Reference Identification	O	>1	
060	PER	Administrative Communications Contact	O	3	
240	TD5	Carrier Details t	O	1	

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
		LOOP ID – PO1			>1
010	PO1	Baseline Item Data	M	1	
030	P03	Additional Item Detail	O	25	
		LOOP ID – ACK			>1
270	ACK	Line Item Acknowledgment	O	1	

Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>
010	CTT	Transaction Totals	M	1	
030	SE	Transaction Set Trailer	M	1	
000	GE	Functional Group Trailer	M	1	
000	IEA	Interchange Control Trailer	M	1	

Segment: **ISA** Interchange Control Header
Position: 000
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To start and identify an interchange of one or more functional groups and interchange related control segments.
Notes: Data Element Separator: '^'
Sub Element Separator: '>'
Segment Terminator: '~'

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
ISA01	I01	Authorization Information Qualifier	M	ID 2/2
		00 No Authorization Information Present		
ISA02	I02	Authorization Information	M	AN 10/10
ISA03	I03	Security Information Qualifier	M	ID 2/2
		00 No Security Information Present		
ISA04	I04	Security Information	M	AN 10/10
ISA05	I05	Interchange ID Qualifier	M	ID 2/2
ISA06	I06	Interchange Sender's ID	M	AN 15/15
ISA07	I05	Interchange ID Qualifier	M	ID 2/2
		01 B&H Qualifier		
ISA08	I07	Interchange Receiver's ID	M	AN 15/15
		116012659T B&H Test ID		
		116012659 B&H Production ID		
ISA09	I08	Interchange Date	M	DT 6/6
ISA10	I09	Interchange Time	M	TM 4/4
ISA11	I10	Interchange Control Standards Identifier	M	ID 1/1
		U U.S. EDI Community of ASC X12, TDCC, and UCS		
ISA12	I11	Interchange Control Version Number	M	ID 5/5
		00410 Release 4010		
ISA13	I12	Interchange Control Number	M	NO 9/9
		A control number assigned by the interchange sender		
ISA14	I13	Acknowledgement Requested	M	ID 1/1
		Code sent by the sender to request an interchange acknowledgement		
ISA15	I14	Test Indicator	M	ID 1/1
		T Test Data		
		P Production Data		
ISA16	I15	Component (Sub) Element Separator	M	AN 1/1
		> Delimiter used as Component Element Separator		

EXAMPLE: ISA^00^ ^00^ ZZ^THEIR ^01^116012659T
^061009^0759^U^00401^00000001^0^T^>~

Segment: **GS** Functional Group Header
Position: 000
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a functional group and to provide control information.

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
GS01	479	Functional Identifier Code	M ID 2/2
		PR Purchase Order Acknowledgement	
GS02	142	Application Sender's Code	M AN 2/15
GS03	124	Application Receiver's Code	M AN 2/15
GS04	29	Data Interchange Date	M DT 8/8
GS05	30	Data Interchange Time	M TM 4/4
GS06	28	Data Interchange Control Number	M NO 1/9
GS07	455	Responsible Agency Code	M ID 1/2
		Code used in conjunction with data Element 480 to identify the issuer of the standard.	
GS08	480	Version/Release/Industry Identifier Code	M AN 1/12

EXAMPLE: GS^PR^THEIR^116012659T^20061009^0759^1^X^004010~

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

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ST01	143	Transaction Set Identifier Code	M ID 3/3
		Code uniquely identifying a Transaction Set	
		855 Purchase Order Acknowledgment	
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	

EXAMPLE: ST^855^0001

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

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
BAK01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 00 Original	M ID 2/2
BAK02	587	Acknowledgment Type Code specifying the type of acknowledgment AC Acknowledge – With Detail and Change AD Acknowledge – With Detail, No Change AE Acknowledge – With Exception Detail Only AK Acknowledge – No detail or Change	M ID 2/2
BAK03	324	Purchase Order Number B & H Purchase Order Number	M AN 1/22
BAK04	373	Date Date expressed as CCYYMMDD	M DT 8/8

EXAMPLE: BAK^00^AC^YG060306333^20060308

Segment: **REF** Reference Identification
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To specify identifying information

Data Element Summary			
<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	Reference Identification Qualifier LI Letters of Notes	M ID 2/2
REF02	127	Reference Identification Description Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier PUR Purchasing Information	M AN 1/30
REF03	352	Description A free-format description to clarify the related data elements and their content	O AN 1/60

EXAMPLE: REF^LI^PUR^Please call to discuss possibility of substitute items.

Segment: **PER** Administrative Communications Contact
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Data Element Summary				
Ref.	Data	Name	Attributes	
<u>Des.</u>	<u>Element</u>		<u>M</u>	<u>ID 2/2</u>
PER01	366	Contact Function Code		
		OC Order Contact		
PER02	93	Description	O	AN 1/30
		Free Format Name		
PER03	365	Communication Number Qualifier	O	ID 2/2
		TE Telephone		
PER04	364	Communication Number	O	AN 1/20
		Contact Telephone Number		
PER05	365	Communication Number Qualifier - Added 6/16/10	O	ID 2/2
		EM E-mail		
PER06	364	Communication Number - Added 6/16/10	O	AN 1/20
		E-Mail		

EXAMPLE: PER^OC^JOHN DOE^TE^(800)458-1234

Segment: **TD5** Carrier Details - Added 12/20/11
Position: 250
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify Carrier Details

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
TD502	66	ID Code Qualifier	C	AN 1/2
		02 SCAC		
TD503	67	SCAC – Standard Carrier Alpha Code	C	AN 2/80
TD505	387	Routing	O	AN 1/35

EXAMPLE: TD5^^02^UPSN^UPS SECOND DAY~

Segment: **PO1** Baseline Item Data Segment for Purchase Order
Position: 010
Loop: PO1
Level: Detail
Usage: Mandatory
Max Use: 100000
Purpose: To specify the line item data form the original purchase order

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
PO101	350	Assigned Identification	O	AN 1/10
PO102	330	Quantity Ordered	M	R 1/10
PO103	355	Unit or Basis for Measurement Code	O	ID 2/2
		EA Each		
		KT Kit		
PO104	212	Unit Price	M	R 1/17
PO105	639	Basis of Unit Price Code	M	ID 2/2
		QT Quoted		
PO106	235	Product/Service ID Qualifier	C	ID 2/2
		SK SKU Number		
PO107	234	Product/Service ID	C	AN 1/48
		B&H SKU Number		
PO108	235	Product/Service ID Qualifier	X	ID 2/2
		VA Vendor's Item Number		
PO109	234	Product/Service ID	X	AN 1/48
		Vendor's Item Number		
PO110	235	Product/Service ID Qualifier - Added 6/16/10	X	ID 2/2
		UP UPC Code		
PO111	234	Product/Service ID - Added 6/16/10	X	AN 1/48
		UPC code		

EXAMPLE: P01^001^100^EA^4.50^QT^SK^VPUPP46100^VA^V5124^UP^123456789012

Segment: **PO3** Additional Item Detail
Position: 030
Loop: PO1 Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify changes to the original purchase order line item price, unit of measure, and/or quantity.

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
PO301	371	Change Reason Code	M ID 2/2
		Code specifying the reason for price or quantity change	
		QO Quantity Ordered	
		UM Unit of Measure Difference	
		UP Unit Price	
PO304	212	Unit Price	O R 1/14
PO305	639	Basis of Unit Price Code	X ID 2/2
		QT Quoted	
PO306	380	Quantity	M R 1/10
PO307	355	Unit or Basis for Measurement Code	M ID 2/2
		EA Each	
		KT Kit	
		PK Package	

EXAMPLE: PO3^QO^^^^^100^EA
 PO3^UM^^^^^110^EA
 PO3^UP^^^123.90^QT^120^EA

Segment: **ACK** Line Item Acknowledgment
Position: 270
Loop: ACK
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To acknowledge the line item status, it's promise ship date, a part number change, a substituted item or an item's backorder status.

Data Element Summary				
Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
ACK01	668	Line Item Status Code	M	ID 2/2
		BP	Item Accepted – Partial Shipment, Partial Backordered	
		DR	Item Accepted – Date Rescheduled	
		IA	Item Accepted	
		IB	Item Backordered	
		IC	Item Accepted – Changes Made	
		ID	Item Deleted	
		IH	Item on Hold	
		IS	Item Accepted – Substitution Made	
		CE	Item partially filled - balance cancelled	
		IP	Item Accepted - price does not match	
		IR	Item Rejected	
ACK02	380	Quantity	X	R 1/10
ACK03	355	Unit of Basis for Measurement Code	X	ID 2/2
		EA	Each	
		KT	Kit	
		PK	Package	
ACK04	374	Date/Time Qualifier	O	ID 3/3
		079	Promised for Shipment	
ACK05	373	Date	X	DT 8/8
		Date expressed as CCYYMMDD		
ACK07	235	Product/Service ID Qualifier	C	ID 2/2
		SK	SKU Number	
ACK08	234	Product/Service ID	C	AN 1/48
		B&H SKU Number		
ACK09	235	Product/Service ID Qualifier	X	ID 2/2
		VA	Vendor's Item Number	
ACK10	234	Product/Service ID	X	AN 1/48
		Vendor item code		
ACK11	235	Product/Service ID Qualifier	X	ID 2/2
		UP	UPC code	
ACK12	234	Product/Service ID - Added 6/16/10	X	AN 1/48
		UPC code		

EXAMPLE: ACK^BP^500^EA^079^20060601
 ACK^DR^^^079^20060601
 ACK^IA^^^079^20060601
 ACK^IB^500^EA^079^20060601
 ACK^IC^^^079^20060601^^SK^BH12345^VA^67890
 ACK^ID
 ACK^IH^^^079^20060601
 ACK^IS^^^079^20060601^^SK^BH12345^VA^67890

Segment: **CTT** Transaction Totals
Position: 010
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set

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

EXAMPLE: CTT^5^

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)

Data Element Summary			
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u> <u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments M N0 1/10
M	SE02	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 M AN 4/9

EXAMPLE: SE^20^0001

Segment: **GE** Functional Group Trailer
Position: 000
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of a functional group and to provide control information.

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
GE01	97	Number of Transaction Sets Included	M NO 1/6
		Total number of transaction sets in functional group.	
GE02	28	Group Control Number	M NO 1/9
		This value must be identical to the data element value in GS06 in the associated functional group header.	

EXAMPLE: GE^46^1~

Segment: **IEA** Interchange Control Trailer
Position: 000
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To define the end of an one or more functional groups and interchange-related control segments.

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
IEA01	479	Functional Identifier Code	M NO 1/5
		A count of the number of functional groups included in an interchange.	
IEA02	142	Interchange Control Number	M NO 1/9
		This value must be identical to the data element value in ISA13 in the associated interchange control header.	

EXAMPLE: IEA^1^000000001~