Amazon Purchase Order Acknowledgment

X12 4010

Status: Final

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Company:	Amazon.com
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855 Purchase Order Acknowledgment

Functional Group=PR

Purpose: 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.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	ST	Transaction Set Header	M	1		
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - PO1					**100000**	
010	PO1	Baseline Item Data	M	1		N2/010
040	CTP	Pricing Information	C	>1		
LOOP ID - ACK					**104**	
270	ACK	Line Item Acknowledgment	M	1		
280	DTM	Date/Time Reference	C	1		

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - CTT					**1**	**N3/010L**
010	CTT	Transaction Totals	O	1		N3/010
030	SE	Transaction Set Trailer	M	1		

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

ISA   Interchange Control Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 16**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ISA01	I01	**Authorization Information Qualifier**	M	ID	2/2

CodeList Summary (Total Codes: 7, Included: 1)

Code Name

00   No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max
ISA02	I02	**Authorization Information**	M	AN	10/10
ISA03	I03	**Security Information Qualifier**	M	ID	2/2

CodeList Summary (Total Codes: 2, Included: 1)

Code Name

00   No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max
ISA04	I04	**Security Information**	M	AN	10/10
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2

CodeList Summary (Total Codes: 41, Included: 1)

Code Name

ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max
ISA06	I06	**Interchange Sender ID**	M	AN	15/15

External Information: *This field will be the senders EDI ID*

Ref	Id	Element Name	Req	Type	Min/Max
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2

CodeList Summary (Total Codes: 41, Included: 1)

Code Name

ZZ   Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15

External Information: *This will be Amazon's EDI ID. AMAZON for Amazon US, AMAZONCA for Amazon Canada, AMAZONMX for Amazon Mexico and AMAZONBR for Amazon Brazil*

Ref	Id	Element Name	Req	Type	Min/Max
ISA09	I08	**Interchange Date**	M	DT	6/6

External Information: *This field will be the date that the EDI message was created*

Formatting Notes: *YYMMDD*

Ref	Id	Element Name	Req	Type	Min/Max
ISA10	I09	**Interchange Time**	M	TM	4/4

Formatting Notes: *HHMM*

Ref	Id	Element Name	Req	Type	Min/Max
ISA11	I65	**Repetition Separator**	M		1/1
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5

CodeList Summary (Total Codes: 17, Included: 1)

Code   Name

00400 ASC X12 Standards Issued as ANSI X12.5-1997

Ref	Id	Element Name	Req	Type	Min/Max
ISA13	I12	**Interchange Control Number**	M	N0	9/9

External Information: *This field will be a control number that represents the ISA - IEA transaction*

Ref	Id	Element Name	Req	Type	Min/Max
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1

Ref	Id	Element Name	Req	Type	Min/Max
		CodeList Summary (Total Codes: 2, Included: 1)			
		Code **Name**			
		0 No Acknowledgment Requested			
ISA15	I14	**Usage Indicator**	M	ID	1/1
		CodeList Summary (Total Codes: 3, Included: 1)			
		Code **Name**			
		P Production Data			
ISA16	I15	**Component Element Separator**	M		1/1
		Formatting Notes: '>'			

Looping Notes:

Only one ISA per file is accepted by Amazon.com. More than one ISA segment per file will result in that file rejecting in the Amazon.com system.

Sample Data:

*ISA*00*   *00*   *ZZ*VENDOR   *ZZ*AMAZON   *070801*0200*U*00400*000013229*0*P*>*

GS Functional Group Header

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 8**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GS01	479	**Functional Identifier Code**	M	ID	2/2

CodeList Summary (Total Codes: 261, Included: 1)

Code	Name
PR	Purchase Order Acknowledgment (855)

Ref	Id	Element Name	Req	Type	Min/Max
GS02	142	**Application Sender's Code**	M	AN	2/15

External Information: *This field will be the senders ID*

Ref	Id	Element Name	Req	Type	Min/Max
GS03	124	**Application Receiver's Code**	M	AN	2/15

External Information: *This will be Amazon's EDI ID. AMAZON for Amazon US, AMAZONCA for Amazon Canada, AMAZONMX for Amazon Mexico and AMAZONBR for Amazon Brazil*

Ref	Id	Element Name	Req	Type	Min/Max
GS04	373	**Date**	M	DT	8/8

External Information: *This field will be the date the EDI was created*

Formatting Notes: *CCYYMMDD*

Ref	Id	Element Name	Req	Type	Min/Max
GS05	337	**Time**	M	TM	4/8

Formatting Notes: *HHMM*

Ref	Id	Element Name	Req	Type	Min/Max
GS06	28	**Group Control Number**	M	N0	1/9

External Information: *This field will be a control number that represents the GS - GE transaction*

Ref	Id	Element Name	Req	Type	Min/Max
GS07	455	**Responsible Agency Code**	M	ID	1/2

CodeList Summary (Total Codes: 2, Included: 1)

Code	Name
X	Accredited Standards Committee X12

Ref	Id	Element Name	Req	Type	Min/Max
GS08	480	**Version / Release / Industry Identifier Code**	M	AN	1/12

CodeList Summary (Total Codes: 45, Included: 1)

Code	Name
004010	Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Looping Notes:

Only one GS per file is accepted by Amazon.com. More than one GS segment per file will result in that file rejecting in the Amazon.com system.

Sample Data:

*GS*PR*VENDOR*AMAZON*20070801*0200*5517*X*004010*

ST Transaction Set Header

Pos: 010	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3

CodeList Summary (Total Codes: 298, Included: 1)

Code	Name
855	Purchase Order Acknowledgment

Ref	Id	Element Name	Req	Type	Min/Max
ST02	329	**Transaction Set Control Number**	M	AN	4/9

External Information: *This field will be a control number that represents the ST - SE transaction*

Looping Notes:

Multiple ST/SE loops are only allowed if they are for the same message type.

Sample Data:

ST*855*000007317

BAK Beginning Segment for Purchase Order Acknowledgment

<table>
<tr><td colspan="2">Pos: 020</td><td>Max: 1</td></tr>
<tr><td colspan="3" align="center">Heading - Mandatory</td></tr>
<tr><td colspan="2">Loop: N/A</td><td>Elements: 4</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
BAK01	353	**Transaction Set Purpose Code**	M	ID	2/2

CodeList Summary (Total Codes: 65, Included: 1)

Code	Name
00	Original

Ref	Id	Element Name	Req	Type	Min/Max
BAK02	587	**Acknowledgment Type**	M	ID	2/2

CodeList Summary (Total Codes: 15, Included: 1)

Code	Name
AC	Acknowledge - With Detail and Change

Ref	Id	Element Name	Req	Type	Min/Max
BAK03	324	**Purchase Order Number**	M	AN	1/22

External Information: *This field will be the Amazon PO number that this message is acknowledging.*

Formatting Notes: *The PO number needs to match the PO number from the Purchase Order. Do not add anything to the PO number like PO# or blank characters. If the PO number on the POA can not be matched against an existing PO number on the PO, your response will not be processed.*

Ref	Id	Element Name	Req	Type	Min/Max
BAK04	373	**Date**	M	DT	8/8

External Information: *This field will be the PO date*

Formatting Notes: *CCYYMMDD*

Segment Use:

Please Note: All of BAK01, BAK02, BAK03 and BAK04 are mandatory and must be present or the file will reject in the Amazon.com systems. BAK02 AC should be used if response happens with change on quantity and price, BAK02 AD should be used if no change apply to quantity and price.

Sample Data:

*BAK*00*AC*U7229659*20070801*

PO1   Baseline Item Data

<table>
<tr><td colspan="2">Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="3" align="center">Detail - Mandatory</td></tr>
<tr><td colspan="2">Loop: PO1</td><td>Elements: 7</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
PO101	350	**Assigned Identification**	O	AN	1/20
PO102	330	**Quantity Ordered**	M	R	1/15

External Information: *This field will be the quantity for this item that was ordered by Amazon in the PO.*

Ref	Id	Element Name	Req	Type	Min/Max
PO103	355	**Unit or Basis for Measurement Code**	M	ID	2/2

External Information: *The same unit of measurement code provided in the Amazon Purchase Order should be used.*

CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
CA	Case
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max
PO104	212	**Unit Price**	M	R	1/17

External Information: *This field will contain the cost price to Amazon and should match the cost price on the invoice. Please note this is a required field,*
if this is left blank the file will reject in Amazon systems. Price information should not be 0 or negative.

Ref	Id	Element Name	Req	Type	Min/Max
PO105	639	**Basis of Unit Price Code**	M	ID	2/2

External Information: *Please note this is a required field, if this is left blank the file will reject in Amazon systems.*

CodeList Summary (Total Codes: 91, Included: 1)

Code	Name
NT	Net

Description: *Indicates a net unit price*

Ref	Id	Element Name	Req	Type	Min/Max
PO106	235	**Product/Service ID Qualifier**	M	ID	2/2

External Information: *Please note this is a required field, if this is left blank the file will reject in Amazon's systems.*

CodeList Summary (Total Codes: 477, Included: 6)

Code	Name
BP	Buyer's Part Number
EN	European Article Number (EAN) (2-5-5-1)
IB	International Standard Book Number (ISBN)
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)

Description: *A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit*

Code	Name
UP	U.P.C. Consumer Package Code (1-5-5-1)
VN	Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max
PO107	234	**Product/Service ID**	M	AN	1/48

External Information: *This field will be the item ID. Please note this is a required field, if this is left blank the file will reject in Amazon's systems.*

Sample Data:

*PO1*1*16*EA*10.96*NT*EN*9780764327834*

CTP   Pricing Information

<table>
<tr><td>Pos: 040</td><td>Max: >1</td></tr>
<tr><td colspan="2">Detail - Conditional</td></tr>
<tr><td>Loop: PO1</td><td>Elements: 6</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
CTP02	236	**Price Identifier Code**	M	ID	3/3

    CodeList Summary (Total Codes: 164, Included: 4)

Code	Name
DPR	Discount Price
LPR	List Price
NET	Net Item Price
SLP	Suggested List Price

Ref	Id	Element Name	Req	Type	Min/Max
CTP03	212	**Unit Price**	M	R	1/17

    External Information: *This field will contain the list price of the book.*

Ref	Id	Element Name	Req	Type	Min/Max
CTP04	380	**Quantity**	M	R	1/15
CTP05	C001	**Composite Unit of Measure**	M	Comp	
CTP05-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2

    CodeList Summary (Total Codes: 794, Included: 2)

Code	Name
CA	Case
EA	Each

Ref	Id	Element Name	Req	Type	Min/Max
CTP06	648	**Price Multiplier Qualifier**	M	ID	3/3

    CodeList Summary (Total Codes: 6, Included: 1)

Code	Name
DIS	Discount Multiplier

Ref	Id	Element Name	Req	Type	Min/Max
CTP07	649	**Multiplier**	M	R	1/10

    External Information: *This field will be the discount multiplier that should be applied to the price. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.*

Segment Use:

*The CTP segment is required only **if a vendor sells books with a list price**. Do not include the CTP segment if there is no list price on the book, or if you do not have product data. If the CTP segment is included and is missing any of the required data, the file will reject in the Amazon systems.*

Sample Data:

*CTP**SLP*9.95*103*UN*DIS*.44*

ACK   Line Item Acknowledgment

<table>
<tr><td>Pos: 270</td><td></td><td>Max: 1</td></tr>
<tr><td colspan="3" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: ACK</td><td></td><td>Elements: 5</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ACK01	668	**Line Item Status Code**	M	ID	2/2

> **External Information:** *If codes IS, AN, BC, BH, IF, IH, or IW are used, the messages contained in this file will reject in Amazon's systems. Please also see the Appendix EDI 855 document for further information.*

CodeList Summary (Total Codes: 26, Included: 7)

Code Name

BP   Item Accepted - Partial Shipment, Balance Backordered

> **Description:** *Amazon interpretation is that stated quantity will be immediately shipped / delivered on the stated date. The remaining quantity (ordered quantity minus all confirmed quantity) will be delivered later (back-ordered). This is not the preferred way of notification about a split shipment. Amazon would prefer that you indicate one ACK loop using code IA with the corresponding date and another ACK loop using code IB and the corresponding date.*

IA   Item Accepted

> **Description:** *Amazon interpretation is that the quantity stated in ACK02 will be immediately shipped / delivered on the stated date.*

IB   Item Backordered

> **Description:** *Amazon interpretation is that the quantity stated in ACK02 is back-ordered and will be shipped / delivered on the stated date.*

IQ   Item Accepted - Quantity Changed

> **Description:** *Amazon interpretation is that stated quantity will be immediately shipped / delivered on the stated date. The remaining quantity (ordered quantity minus all confirmed quantity) is cancelled.*

IR   Item Rejected

> **Description:** *Amazon interpretation is that the quantity stated in ACK02 will not be delivered to Amazon as part of this Purchase Order. The Amazon nomenclature for this is "soft reject", meaning that the item will be reordered with next order run. If you want to remove this item from being ordered you should use ACK code R3 which will be a "hard reject", meaning that Amazon will restrict this item from being re-ordered. After 5 consecutive "soft reject" codes for the same product (separated by a time gap of at least 48 hours). The item will also be placed on an order pause for 1 month.*

R2   Item Rejected, Invalid Item Product Number

> **Description:** *Amazon interpretation is that the quantity stated in ACK02 will not be delivered to Amazon as part of this Purchase Order due to errors with catalog information. The Amazon nomenclature for this is "soft reject", meaning this item can be ordered again. After 5 consecutive "soft reject" codes for the same product (separated by a time gap of at least 48 hours). The item will also be placed on an order pause for 1 month.*

R3   Item Rejected, Invalid Unit of Issue

> **Description:** *Amazon interpretation is that the quantity stated in ACK02 will not be delivered to Amazon as part of this Purchase Order due to the item being obsolete and should no longer be ordered. The Amazon nomenclature for this is "hard reject", meaning this item should not be re-ordered. If this code is received 2 consecutive times (separated by a time gap of at least 48 hours), the item will not be reordered.*

Ref	Id	Element Name	Req	Type	Min/Max
ACK02	380	**Quantity**	M	R	1/15

> **External Information:**
>
> *This field will be the quantity of this item that relates to the ACK code in ACK01.* **This value should not be zero.**

Ref	Id	Element Name	Req	Type	Min/Max
ACK03	355	**Unit or Basis for Measurement Code**	M	ID	2/2

CodeList Summary (Total Codes: 794, Included: 2)

		Code	**Name**			
		CA	Case			
		EA	Each			
ACK04	374	**Date/Time Qualifier**		O	ID	3/3

Internal Information: *If you can provide Estimated ship dates per line item, you have to state these in ACK05 with ACK04 qualifier 068.*

CodeList Summary (Total Codes: 1111, Included: 1)

Code	**Name**
068	Current Schedule Ship

ACK05	373	**Date**		C	DT	8/8

Formatting Notes: *CCYYMMDD*

Segment Use:

The ACK segment is a mandatory part of the 855 and any message without it will be rejected in Amazon's systems. As a minimum, one ACK segment hasto be provided for each line item. You can also use multiple ACK segments to indicate different responses and expected ship dates for a line item. If you can provide Estimated Shipment Dates, you have to state it via the ACK04 with ACK05 elements.

For more information on how to use the ACK segment, please refer to the specific examples in the Appendix EDI 855 document.

Sample Data:

ACK*IA*5*EA*068*20130815
ACK*IB*3*EA*068*20130821

DTM   Date/Time Reference

Pos: 280	Max: 1
Detail - Conditional	
Loop: ACK	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
DTM01	374	**Date/Time Qualifier**	M	ID	3/3

CodeList Summary (Total Codes: 1112, Included: 1)

Code	Name
067	Current Schedule Delivery

Ref	Id	Element Name	Req	Type	Min/Max
DTM02	373	**Date**	M	DT	8/8

Formatting Notes: *CCYYMMDD*

Segment Use:

If you can provide Estimated delivery dates per line item, you have to state these in DTM02 with DTM01 qualifier 067.

Sample Data:

*DTM*067*20070801*

CTT Transaction Totals

<table>
<tr><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td colspan="2">Summary - Optional</td></tr>
<tr><td>Loop: CTT</td><td>Elements: 2</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
CTT01	354	**Number of Line Items**	O	N0	1/6

External Information: *This field will be the number of line the logical count of PO1 segments.*

Ref	Id	Element Name	Req	Type	Min/Max
CTT02	347	**Hash Total**	O	R	1/10

External Information: *This field will be the sum of the value of quantities ordered (PO102) for each PO1 segment.*

Sample Data:

*CTT*5*5*

SE   Transaction Set Trailer

Pos: 030	**Max: 1**
Summary - Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
SE01	96	**Number of Included Segments**	M	N0	1/10
SE02	329	**Transaction Set Control Number**	M	AN	4/9

Looping Notes:

Multiple ST/SE loops are only allowed if they are for the same message type.

Sample Data:

SE*14*000007317

GE   Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6
GE02	28	**Group Control Number**	M	N0	1/9

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Looping Notes:

only one GS/GE loop per data file allowed.

Sample Data:

GE*1*5517

IEA Interchange Control Trailer

Pos:	**Max: 1**
Not Defined - Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5
IEA02	I12	**Interchange Control Number**	M	N0	9/9

Looping Notes:

only one ISA/IEA loop per data file allowed.

Sample Data:

*IEA*1*000013229*