

Amazon Invoice - 810

X12 4010

Status: Final

Author:	Amazon.com
Company:	Amazon.com
Modified:	9/30/2013

Table of Contents

810 Invoice	1
ISA Interchange Control Header	2
GS Functional Group Header	4
ST Transaction Set Header	6
BIG Beginning Segment for Invoice	7
CUR Currency	8
N1 Loop Name	9
N1 Name	10
N2 Additional Name Information	11
N3 Address Information	12
N4 Geographic Location	13
N1 Loop Name	14
N1 Name	15
N2 Additional Name Information	16
N3 Address Information	17
N4 Geographic Location	18
ITD Terms of Sale/Deferred Terms of Sale	19
IT1 Loop Baseline Item Data (Invoice)	21
IT1 Baseline Item Data (Invoice)	22
TXI Tax Information	24
CTP Pricing Information	25
REF Reference Identification	26
TDS Total Monetary Value Summary	27
TXI Tax Information	28
SAC Loop Service, Promotion, Allowance, or Charge Information	30
SAC Service, Promotion, Allowance, or Charge Information	31
TXI Tax Information	32
CTT Transaction Totals	33
SE Transaction Set Trailer	34
GE Functional Group Trailer	35
IEA Interchange Control Trailer	36

810 Invoice

Functional Group=IN

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) 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 the billing for goods and services provided.

Not Defined:

<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>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

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	BIG	Beginning Segment for Invoice	M	1			Must use
040	CUR	Currency	M	1			Used

LOOP ID - N1 200

070	N1	Name	M	1			Must use
080	N2	Additional Name Information	O	2			Used
090	N3	Address Information	M	2			Must use
100	N4	Geographic Location	M	1			Must use

LOOP ID - N1 200

070	N1	Name	M	1			Must use
080	N2	Additional Name Information	O	2			Used
090	N3	Address Information	M	2			Must use
100	N4	Geographic Location	M	1			Must use

130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1			Used
-----	-----	--------------------------------------	---	----	--	--	------

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>
<u>LOOP ID - IT1</u>					<u>200000</u>		
010	IT1	Baseline Item Data (Invoice)	M	1			Used
040	TXI	Tax Information	C	10			Used
050	CTP	Pricing Information	C	25			Used
120	REF	Reference Identification	O	>1			Used

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>
010	TDS	Total Monetary Value Summary	M	1			Must use
020	TXI	Tax Information	C	10			Used
<u>LOOP ID - SAC</u>					<u>25</u>		
040	SAC	Service, Promotion, Allowance, or Charge Information	C	1			Must use
050	TXI	Tax Information	C	10			Used
070	CTT	Transaction Totals	M	1			Must use
080	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<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>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

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

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control 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>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
CodeList Summary (Total Codes: 7, Included: 1)						
<u>Code</u> <u>Name</u>						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
CodeList Summary (Total Codes: 2, Included: 1)						
<u>Code</u> <u>Name</u>						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
All valid standard codes are used. (Total Codes: 38)						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
CodeList Summary (Total Codes: 38, Included: 1)						
<u>Code</u> <u>Name</u>						
ZZ Mutually Defined						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
External Information: <i>This field will be Amazon's EDI ID</i>						
Formatting Notes: <i>AMAZON</i>						
ISA09	I08	Interchange Date	M	DT	6/6	Must use
External Information: <i>This field will the date the message was created.</i>						
Formatting Notes: <i>YYMMDD</i>						
ISA10	I09	Interchange Time	M	TM	4/4	Must use
External Information: <i>This field will the time the message was created.</i>						
Formatting Notes: <i>HHMM</i>						
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
External Information: <i>'U'</i>						
All valid standard codes are used. (Total Codes: 1)						
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use

CodeList Summary (Total Codes: 14, Included: 2)**Code Name**

00400 Standard Issued as ANSI X12.5-1997

00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997

ISA13	I12	Interchange Control Number	M	NO	9/9	Must use
-------	-----	-----------------------------------	---	----	-----	----------

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

Formatting Notes: nnnnnnnnn

ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
-------	-----	---------------------------------	---	----	-----	----------

CodeList Summary (Total Codes: 2, Included: 1)**Code Name**

1 Interchange Acknowledgment Requested

ISA15	I14	Usage Indicator	M	ID	1/1	Must use
-------	-----	------------------------	---	----	-----	----------

CodeList Summary (Total Codes: 3, Included: 1)**Code Name**

P Production Data

ISA16	I15	Component Element Separator	M		1/1	Must use
-------	-----	------------------------------------	---	--	-----	----------

Formatting Notes: '>'

Segment Use:

Please note: 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

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

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>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
CodeList Summary (Total Codes: 240, Included: 1)						
Code Name						
IN Invoice Information (810,819)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
External Information: <i>This field will be the senders ID</i>						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
External Information: <i>This field will be Amazon's ID.</i>						
Formatting Notes: <i>AMAZON</i>						
GS04	373	Date	M	DT	8/8	Must use
External Information: <i>This field will be the date the EDI was created.</i>						
Formatting Notes: <i>Date expressed as CCYYMMDD</i>						
GS05	337	Time	M	TM	4/8	Must use
Formatting Notes: <i>HHMM</i>						
GS06	28	Group Control Number	M	N0	1/9	Must use
External Information: <i>This field will be the group control number that represents the GS - GE transaction.</i>						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
CodeList Summary (Total Codes: 2, Included: 1)						
Code Name						
X Accredited Standards Committee X12						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
CodeList Summary (Total Codes: 39, Included: 1)						
Code Name						
004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997						

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Segment Use:

Please note: 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*IN*VendorID*AmazonID*20040407*1038*5*X*004010

ST Transaction Set Header

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

User Option (Usage): Must use

Purpose: 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	M	ID	3/3	Must use

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

<u>Code</u>	<u>Name</u>
810	Invoice

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	--------------------------------	---	----	-----	----------

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

Semantics:

1. 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).

Segment Use:

*Please note: Multiple ST loops are only allowed if they are for the same message type (ST*810).*

Sample Data:

ST*810*000001967

ST*810*0200

BIG Beginning Segment for Invoice

Pos: 020

Max: 1

Heading - Mandatory

Loop: N/A

Elements: 4

User Option (Usage): Must use

Purpose: To indicate the beginning of an invoice 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>
BIG01	373	Date	M	DT	8/8	Must use
		External Information: <i>Date when the invoice information was generated in the origins Accounting system.</i>				
		Formatting Notes: <i>Date expressed as CCYYMMDD</i>				
BIG02	76	Invoice Number	M	AN	1/22	Must use
		Description: Identifying number assigned by issuer				
		External Information: <i>Unique number relating to the charges defined in this document.</i>				
		Formatting Notes: <i>Data Format AlphaNumeric</i>				
BIG03	373	Date	O	DT	8/8	Used
		External Information: <i>Date of the PO creation per Amazon 850 message.</i>				
		Formatting Notes: <i>Date expressed as CCYYMMDD</i>				
BIG04	324	Purchase Order Number	M	AN	1/22	Must use
		External Information: <i>A valid Amazon purchase order number related to this invoice.</i>				
		Formatting Notes: <i>Annnnnnn</i>				

Comments:

1. The PO number in the BIG04 must be a valid Amazon PO #, format annnnnnn. When sending multiple PO #'s in an invoice, it is required to use the first PO# that will be listed in the invoice at the header level.

Sample Data:

BIG*20041030*901092*20041022*U2093709

BIG*20041030*901092**U2093709

CUR Currency

Pos: 040	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

BT Bill-to-Party

CUR02	100	Currency Code	M	ID	3/3	Must use
-------	-----	---------------	---	----	-----	----------

Description: Code (Standard ISO) for country in whose currency the charges are specified

External Information: *Valid ISO currency code.*

Formatting Notes: *CAD, EUR, GBP, JPY, USD*

Sample Data:

Example:

*CUR*BT*USD*

*CUR*BT*CAD*

*CUR*BT*EUR*

*CUR*BT*JPY*

*CUR*BT*GBP*

Loop Name

Pos: 070	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	M	1		Must use
080	N2	Additional Name Information	O	2		Used
090	N3	Address Information	M	2		Must use
100	N4	Geographic Location	M	1		Must use

Comments:

1. The remit-to address MUST be the same as the Amazon AP department has on file. Please work with your AR department to verify this is a match.

Sample Data:

*N1*RI*remit to name*
*N2*additional name*additional name*
*N3*address*
*N4*city*state*postal code*countrycode*

N1 Name

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To identify a party by type of organization, name, and code

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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

RI Remit To

N102	93	Name	M	AN	1/60	Must use
------	----	------	---	----	------	----------

External Information: *This will be the name of the party receiving the payment of this invoice.*

Sample Data:

*N1*RI*Name of vendor*

N2 Additional Name Information

Pos: 080	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

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>
N201	93	Name	M	AN	1/60	Must use
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

Pos: 090	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To specify the location of the named party

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>
N301	166	Address Information	M	AN	1/55	Must use
Description: Address information						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

Sample Data:

N3*PO BOX 10307

N3*3925 NORTH HASTINGS WAY

N4 Geographic Location

Pos: 100

Max: 1

Heading - Mandatory

Loop: N1

Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

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>
N401	19	City Name	M	AN	2/30	Must use
N402	156	State or Province Code	M	ID	2/2	Must use
N403	116	Postal Code	M	ID	3/15	Must use

External Information: *for US this is a good resource:
<http://zip4.usps.com/zip4/welcome.jsp>*

Formatting Notes: *US: nnnnnnnnn
Canada; ana nan
Japan: nnn-nnnn
Great Britain: aan naa
France: nnnnn
Germany: nnnnn*

N404	26	Country Code	M	ID	2/3	Must use
------	----	--------------	---	----	-----	----------

Formatting Notes: *United States - US

Canada - CA

United Kingdom - GB

France- FR

Germany - DE

Japan - JP*

Sample Data:

*N4*SAN RAFAEL*CA*949120307*US*

*N4*Toronto*ON*M1H 2X3*CA*

Loop Name

Pos: 070	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Used

Purpose:

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
070	N1	Name	M	1		Must use
080	N2	Additional Name Information	O	2		Used
090	N3	Address Information	M	2		Must use
100	N4	Geographic Location	M	1		Must use

Sample Data:

*N1*ST*AMAZON*

*N3*1600 East Newlands Drive*

*N4*Fernley*NV*89408*US*

*N1*ST*AMAZON.COM.CA*

*N3*C/O ASSURED LOGISTIC*

*N4*MISSISSAUGA*OT*L5R 3W5*CA*

*N1*ST*NARITA*

*N3*2-13-1 Shiohama, Ichikawa-shi*

*N4*Chiba-Ken*CB*272-0127*JP*

N1 Name

Pos: 070

Max: 1

Heading - Mandatory

Loop: N1

Elements: 2

User Option (Usage): Must use**Purpose:** To identify a party by type of organization, name, and code**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>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

CodeList Summary (Total Codes: 1312, Included: 1)**Code** **Name**

ST Ship To

N102	93	Name	M	AN	1/60	Must use
------	----	------	---	----	------	----------

External Information: *This field will be the name of the party receiving a shipment of product.*

Sample Data:

N1*ST*AMAZON.COM.KSDC, INC.

N1*ST*AMAZON.COM.CA

N1*ST*AMAZON.COM INTL-JAPAN KK

N2 Additional Name Information

Pos: 080

Max: 2

Heading - Optional

Loop: N1

Elements: 2

User Option (Usage): Used

Purpose:

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>
N201	93	Name	M	AN	1/60	Must use
Description: Free-form name						
N202	93	Name	O	AN	1/60	Used
Description: Free-form name						

N3 Address Information

Pos: 090	Max: 2
Heading - Mandatory	
Loop: N1	Elements: 2

User Option (Usage): Must use

Purpose: To specify the location of the named party

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>
N301	166	Address Information	M	AN	1/55	Must use
Description: Address information						
N302	166	Address Information	O	AN	1/55	Used
Description: Address information						

Sample Data:

*N3*COFFEYVILLE INDUSTRIAL PK*2654 NO HIGHWAY 169*

*N3*C/O ASSURED LOGISTIC*

*N3*2-13-1 Shiohama, Ichikawa-shi*

N4 Geographic Location

Pos: 100

Max: 1

Heading - Mandatory

Loop: N1

Elements: 4

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

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>
N401	19	City Name	M	AN	2/30	Must use
N402	156	State or Province Code	M	ID	2/2	Must use
N403	116	Postal Code	M	ID	3/15	Must use
N404	26	Country Code	M	ID	2/3	Must use

Formatting Notes: *United States - US*

Canada - CA

United Kingdom - GB

France - FR

Germany - DE

Japan - JP

Sample Data:

*N4*COFFEYVILLE*KS*67337*US*

*N4*MISSISSAUGA*OT*L5R 3W5*CA*

*N4*Chiba-Ken*CB*272-0127*JP*

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Used

Purpose: To specify terms of sale

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD01	336	Terms Type Code	M	ID	2/2	Used

Description: Code identifying type of payment terms

CodeList Summary (Total Codes: 65, Included: 6)

Code Name

01	Basic
02	End of Month (EOM)
03	Fixed Date
09	Proximo
23	Payment Due Upon Receipt of Invoice
41	Letter of Credit

ITD02	333	Terms Basis Date Code	M	ID	1/2	Used
-------	-----	-----------------------	---	----	-----	------

Description: Code identifying the beginning of the terms period

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

Code Name

3	Invoice Date
---	--------------

ITD03	338	Terms Discount Percent	C	R	1/6	Used
-------	-----	------------------------	---	---	-----	------

External Information: *This field will contain the discount percent value as a whole number (no decimal point), which is good until the discount due date. Please see examples below.*

Formatting Notes: *nnn*

ITD04	370	Terms Discount Due Date	C	DT	8/8	Used
-------	-----	-------------------------	---	----	-----	------

External Information: *Date payment is due if discount is to be earned*

Formatting Notes: *CCYYMMDD*

ITD05	351	Terms Discount Days Due	C	N0	1/3	Used
-------	-----	-------------------------	---	----	-----	------

External Information: *This field will contain the number of calendar days from the Base Date until the discount is no longer valid.*

Formatting Notes: *nnn*

ITD06	446	Terms Net Due Date	C	DT	8/8	Not used
-------	-----	--------------------	---	----	-----	----------

External Information: *Date when total invoice amount becomes due.*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Formatting Notes: CCYYMMDD						
ITD07	386	Terms Net Days	M	N0	1/3	Used
External Information: <i>This field will contain the number of calendar days from the Base Date until the total amount on the invoice is due.</i>						
ITD13	765	Day of Month	C	N0	1/2	Used
External Information: <i>If terms are a fixed date, this will be the day of each month when the payment is due.</i>						
Formatting Notes: nn						

Segment Use:

Specific requirements for payment terms will vary according to terms negotiated by an account manager. An Amazon Integration Specialist will work with you to implement applicable terms.

Sample Data:

Basic NET Days ex. 30 NET Days

*ITD*01*3****20010323*30*

Basic Net Days/% Discount ex. 2% 10, 60 NET Days

*ITD*01*3*2*20010315*10*20010323*60*

End of Month ex. Due 150 days from the end of month

*ITD*02*3****20010323*150*

Fixed Date/Discount: ex. 2% 15TH, 30 NET Days

*ITD*03*3*2*20010323*15*20010323*30*

Fixed Date: ex. 15TH DUE

*ITD*03*3****20010323*10*****15*

Proximo / Proxy: ex. 2% 15 PROX 120

*ITD*09*3*2*20010323*15*20010323*120*

Loop Baseline Item Data (Invoice)

Pos: 010	Repeat: 200000
Mandatory	
Loop: IT1	Elements: N/A

User Option (Usage): Must use

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	IT1	Baseline Item Data (Invoice)	M	1		Used
040	TXI	Tax Information	C	10		Used
050	CTP	Pricing Information	C	25		Used
120	REF	Reference Identification	O	>1		Used

IT1 Baseline Item Data (Invoice)

Pos: 010

Max: 1

Detail - Mandatory

Loop: IT1

Elements: 11

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage																
IT101	350	Assigned Identification	M	AN	1/20	Must use																
		External Information: <i>This field will be a unique number related to this line item.</i>																				
		Formatting Notes: <i>nnn</i>																				
IT102	358	Quantity Invoiced	M	R	1/10	Must use																
		External Information: <i>This field will be the number of units related to this invoice. Quantity must be greater than zero (0).</i>																				
IT103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use																
		CodeList Summary (Total Codes: 794, Included: 3)																				
		<table><tr><th>Code</th><th>Name</th></tr><tr><td>CA</td><td>Case</td></tr><tr><td>EA</td><td>Each</td></tr><tr><td>UN</td><td>Unit</td></tr></table>	Code	Name	CA	Case	EA	Each	UN	Unit												
Code	Name																					
CA	Case																					
EA	Each																					
UN	Unit																					
IT104	212	Unit Price	M	R	1/17	Must use																
		External Information: <i>This field will be the cost of the item per unit.</i>																				
		Formatting Notes: <i>nnnnn.nn</i>																				
IT105	639	Basis of Unit Price Code	M	ID	2/2	Must use																
		CodeList Summary (Total Codes: 91, Included: 1)																				
		<table><tr><th>Code</th><th>Name</th></tr><tr><td>NT</td><td>Net</td></tr></table>	Code	Name	NT	Net																
Code	Name																					
NT	Net																					
IT106	235	Product/Service ID Qualifier	M	ID	2/2	Must use																
		CodeList Summary (Total Codes: 477, Included: 7)																				
		<table><tr><th>Code</th><th>Name</th></tr><tr><td>BP</td><td>Buyer's Part Number</td></tr><tr><td>EN</td><td>European Article Number (EAN) (2-5-5-1)</td></tr><tr><td>IB</td><td>International Standard Book Number (ISBN)</td></tr><tr><td>UA</td><td>U.P.C./EAN Case Code (2-5-5)</td></tr><tr><td>UK</td><td>U.P.C./EAN Shipping Container Code (1-2-5-5-1)</td></tr><tr><td>UP</td><td>U.P.C. Consumer Package Code (1-5-5-1)</td></tr><tr><td>VN</td><td>Vendor's (Seller's) Item Number</td></tr></table>	Code	Name	BP	Buyer's Part Number	EN	European Article Number (EAN) (2-5-5-1)	IB	International Standard Book Number (ISBN)	UA	U.P.C./EAN Case Code (2-5-5)	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	UP	U.P.C. Consumer Package Code (1-5-5-1)	VN	Vendor's (Seller's) Item Number				
Code	Name																					
BP	Buyer's Part Number																					
EN	European Article Number (EAN) (2-5-5-1)																					
IB	International Standard Book Number (ISBN)																					
UA	U.P.C./EAN Case Code (2-5-5)																					
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)																					
UP	U.P.C. Consumer Package Code (1-5-5-1)																					
VN	Vendor's (Seller's) Item Number																					
IT107	234	Product/Service ID	M	AN	1/48	Must use																
		External Information: <i>The value in this field must match the item identifier in the corresponding order file.</i>																				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT108	235	Product/Service ID Qualifier	O	ID	2/2	Used
CodeList Summary (Total Codes: 477, Included: 2)						
<u>Code</u> <u>Name</u>						
BP Buyer's Part Number						
VN Vendor's (Seller's) Item Number						
IT109	234	Product/Service ID	O	AN	1/48	Used
External Information: <i>A value in this field is optional and determined by the sender.</i>						
Formatting Notes: <i>ASIN:nnnnnnnnnn</i>						
IT110	235	Product/Service ID Qualifier	M	ID	2/2	Must use
CodeList Summary (Total Codes: 477, Included: 1)						
<u>Code</u> <u>Name</u>						
PO Purchase Order Number						
IT111	234	Product/Service ID	M	AN	1/48	Must use
External Information: <i>This field will be the Amazon PO number related to this item.</i>						
Formatting Notes: <i>Annnnnnn</i>						

Sample Data:

IT1*001*1*EA*11.96*NT*UP*025091005628***PO*F6580987

IT1*001*1*EA*60.75*NT*IB*0895031892***PO*F6580987

TXI Tax Information

Pos: 040	Max: 10
Detail - Conditional	
Loop: IT1	Elements: 3

User Option (Usage): Used

Purpose: To specify tax information

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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 74, Included: 3)

Code Name

GS	Goods and Services Tax
VA	Value Added Tax
ZZ	Mutually Defined

TXI02	782	Monetary Amount	M	R	1/18	Must use
TXI03	954	Percent	M	R	1/10	Must use

Description: Percentage expressed as a decimal

External Information: *This field will be the tax percentage that will be applied to this line item.*

Formatting Notes: *nn.nnn*

Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.

Segment Use:

Tax is required at the line item level if items in the invoice are taxed.

Sample Data:

*TXI*GS*18.99*7*

*TXI*GS*1.715*7*

CTP Pricing Information

Pos: 050	Max: 25
Detail - Conditional	
Loop: IT1	Elements: 4

User Option (Usage): Used

Purpose: To specify pricing information

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>
CTP02	236	Price Identifier Code	M	ID	3/3	Used

CodeList Summary (Total Codes: 164, Included: 2)

Code Name

LPR List Price

SLP Suggested List Price

CTP03	212	Unit Price	M	R	1/17	Used
-------	-----	------------	---	---	------	------

External Information: *This field will be the list/suggested list price for this item per unit.*

Formatting Notes: *nnnnn.nn*

CTP06	648	Price Multiplier Qualifier	M	ID	3/3	Used
-------	-----	----------------------------	---	----	-----	------

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

Code Name

DIS Discount Multiplier

CTP07	649	Multiplier	M	R	1/10	Used
-------	-----	------------	---	---	------	------

External Information: *This field will be a decimal that reflects Amazon's discount from the list/suggested list price.*

The discount multiplier multiplied by the list price (CTP03) equals the net price (IT104).

If Amazon has a 20% discount, the discount multiplier would be .8.

Segment Use:

The CTP segment is required if price information is supplied in the CTP segment in the 855 for these items.

Sample Data:

*CTP**SLP*19.95***DIS*.55*

*CTP**SLP*19.95***DIS*1*

REF Reference Identification

Pos: 120	Max: >1
Detail - Optional	
Loop: IT1	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code Name

2I Tracking Number

REF02	127	Reference Identification	X	AN	1/30	Used
-------	-----	--------------------------	---	----	------	------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Segment Use:

This is the tracking number provided by your carrier for this item.

Sample Data:

REF*2I*982103923402394823

TDS Total Monetary Value Summary

Pos: 010

Max: 1

Summary - Mandatory

Loop: N/A

Elements: 1

User Option (Usage): Must use

Purpose: To specify the total invoice discounts and amounts

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>
TDS01	610	Amount	M	N2	1/15	Must use

Description: Monetary amount

External Information: *This field will be the total invoice amount including and applicable charges, allowances and tax.*

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).

Sample Data:

TDS*2634

TXI Tax Information

Pos: 020	Max: 10
Summary - Conditional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TXI01	963	Tax Type Code	M	ID	2/2	Must use

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 74, Included: 3)

Code Name

GS	Goods and Services Tax
VA	Value Added Tax
ZZ	Mutually Defined

TXI02	782	Monetary Amount	M	R	1/18	Must use
-------	-----	-----------------	---	---	------	----------

External Information: *This field will be the total tax amount applied to the invoice for the rate specified in the TXI03.*

Formatting Notes: *nnnnn.nn*

TXI03	954	Percent	M	R	1/10	Must use
-------	-----	---------	---	---	------	----------

Description: Percentage expressed as a decimal

External Information: *This field will be a tax rate applied to the invoice.*

Formatting Notes: *nn.nnn*

TXI06	441	Tax Exempt Code	C	ID	1/1	Used
-------	-----	-----------------	---	----	-----	------

Description: Code identifying exemption status from sales and use tax

External Information: *Data in this field is required if you are shipping product over a border into another country and you are tax exempt in that country.*

CodeList Summary (Total Codes: 34, Included: 2)

Code Name

F	Exempt (Goods and Services Tax)
T	Totally Exempt

TXI08	828	Dollar Basis For Percent	M	R	1/9	Must use
-------	-----	--------------------------	---	---	-----	----------

External Information: *This field will contain the invoice amount that is taxable at the rate specified in the TXI03.*

TXI09	325	Tax Identification Number	M	AN	1/20	Must use
-------	-----	---------------------------	---	----	------	----------

External Information: *This field will be*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

the vendors tax ID number.

The burden of providing a tax id is on the billing party.

Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI06 is a code indicating the relationship of the price or amount to the associated segment.

Segment Use:

This segment is to show the total tax for the total invoice and includes the needed tax identification number.

Sample Data:

*TXI*GS*1.72*7*****24.62*vendortaxid*

Loop Service, Promotion, Allowance, or Charge Information

Pos: 040	Repeat: 25
Conditional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
040	SAC	Service, Promotion, Allowance, or Charge Information	C	1		Must use
050	TXI	Tax Information	C	10		Used

Segment Use:

The SAC loop should ONLY be sent when an actual charge is applied to this invoice's total.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Conditional	
Loop: SAC	Elements: 4

User Option (Usage): Must use

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	Allowance or Charge Indicator	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

CodeList Summary (Total Codes: 7, Included: 2)

Code Name

A Allowance
C Charge

SAC02	1300	Service, Promotion, Allowance, or Charge Code	M	ID	4/4	Must use
-------	------	---	---	----	-----	----------

Description: Code identifying the service, promotion, allowance, or charge

CodeList Summary (Total Codes: 1053, Included: 16)

Code Name

B720 Cooperative Advertising/Merchandising Allowance (Performance)
C000 Defective Allowance
C260 Discount - Incentive
C310 Discount
C530 Duty Charge
C680 Environmental Protection Service
D240 Freight
D500 Handling
D920 Insurance Fee
D930 Insurance Placement Cost Charge
F800 Promotional Allowance
G730 Service Charge (with Cash Discount)
G970 Small Order Charge
H000 Special Allowance
H020 Special Circus Trains
I410 Unsaleable Merchandise Allowance

SAC05	610	Amount	M	N2	1/15	Must use
-------	-----	--------	---	----	------	----------

External Information: *This field will be the amount related to this charge.*

SAC15	352	Description	O	AN	1/80	Used
-------	-----	-------------	---	----	------	------

External Information: *This field will be a free-formed description of this charge.*

Sample Data:

SAC*C*D240***278*****Freight

TXI Tax Information

Pos: 050	Max: 10
Summary - Conditional	
Loop: SAC	Elements: 3

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TXI01	963	Tax Type Code	M	ID	2/2	Must use

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 74, Included: 3)

Code Name

GS	Goods and Services Tax
VA	Value Added Tax
ZZ	Mutually Defined

TXI02	782	Monetary Amount	M	R	1/18	Must use
-------	-----	-----------------	---	---	------	----------

Description: Monetary amount

TXI03	954	Percent	M	R	1/10	Must use
-------	-----	---------	---	---	------	----------

Description: Percentage expressed as a decimal

External Information: *This field will be the tax percentage that will be applied to this charge.*

Formatting Notes: *nn.nnn*

Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.

Segment Use:

This segment is only required if the preceding SAC segment is taxable.

Sample Data:

*TXI*GS*18.99*7*

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: 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 External Information: <i>This field will contain the logical count of IT1 segments in this 810.</i>						
CTT02	347	Hash Total	M	R	1/10	Must use
External Information: <i>This field will be the total number of items being invoices (sum of all IT102).</i>						

Comments:

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

Sample Data:

CTT*10*10
CTT*3*6

Comments:

Number of line items (CTT01) is the accumulation of the number of IT1 segments.

Hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

SE Transaction Set Trailer

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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)

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	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

1. SE is the last segment of each transaction set.

Sample Data:

SE*122*000001967
SE*14*0200

GE Functional Group Trailer

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

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

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>
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use

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.

Sample Data:

GE*5*5

IEA Interchange Control Trailer

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

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	I16	Number of Included Functional Groups	M	NO	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use
		Description: A control number assigned by the interchange sender				

Sample Data:

IEA*1*000013229