Consolidated Invoice

Amazon.com Drop Ship Specifications

Author: **Enterprise Integration**

810

Invoice
Functional Group=IN

Overview:

The Consolidated Invoice (810) is the last message in the life-cycle of a shipment. This message will be used to bill Amazon for Product and Fulfillment charges associated to a dropship order.

Amazon should receive one invoice per day, per warehouse, and should not exceed 5000 lines.

Product and Fulfillment charges should be sent at the line item level.   If a Fulfillment charge applies to the entire order and is not broken down by line item, the entire amount can be sent in an SAC segment following the first line item.

Terminators/Delimiters are as follows:

Terminator = '~'
Delimiter = '^'
Sub-Delimiter = '+'

There will be one ST/SE per warehouse. Each ISA/IEA should contain only one GS/GE

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	BIG	Beginning Segment for Invoice	M	1		
040	CUR	Currency	M	1		
LOOP ID - N1					**200**	
070	N1	Name - Remit To Name	M	1		
080	N2	Additional Name Information	O	2		
090	N3	Address Information	M	2		
100	N4	Geographic Location	M	1		
LOOP ID - N1					**200**	
070	N1	Name	M	1		
130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - IT1					**200000**	
010	IT1	Baseline Item Data (Invoice)	M	1		
040	TXI	Tax Information	O	10		
LOOP ID - SAC					**25**	
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1		

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	TDS	Total Monetary Value Summary	M	1		
070	CTT	Transaction Totals	O	1		N3/070
080	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
		Usage Notes: *Always '00'*			

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
		Usage Notes: *Always 10 blank spaces.*			
ISA03	I03	**Security Information Qualifier**	M	ID	2/2

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

Usage Notes:
Always '00'

Ref	Id	Element Name	Req	Type	Min/Max
ISA04	I04	**Security Information**	M	AN	10/10
		Usage Notes: *Always 10 blank spaces.*			
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2
		Usage Notes: *Vendor Qualifier*			

Code	Name
01	Duns (Dun & Bradstreet)
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max
ISA06	I06	**Interchange Sender ID**	M	AN	15/15
		Usage Notes: *Vendor's ID#*			
ISA07	I05	**Interchange ID Qualifier**	M	ID	2/2
		Usage Notes: *Always 'ZZ'*			

Code	Name
ZZ	Mutually Defined

Usage Notes:
Always 'ZZ'

Ref	Id	Element Name	Req	Type	Min/Max
ISA08	I07	**Interchange Receiver ID**	M	AN	15/15
		Usage Notes: *Always 'AMAZONDS'*			
ISA09	I08	**Interchange Date**	M	DT	6/6
		Usage Notes: *Interchange Date*			
		Format: YYMMDD			
ISA10	I09	**Interchange Time**	M	TM	4/4
		Usage Notes: *Interchange Time*			
		Format: HHMM			
ISA11	I10	**Interchange Control Standards Identifier**	M	ID	1/1
		Usage Notes: *Always 'U'*			
		All valid standard codes are used.			
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5
		Usage Notes: *Always '00401'*			

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

Ref	Id	Element Name	Req	Type	Min/Max
ISA13	I12	**Interchange Control Number**	M	N0	9/9
		Usage Notes: *Interchange Control Number assigned by sender*			
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1
		Usage Notes: *Always '1'*			

Code	Name
1	Interchange Acknowledgment Requested

ISA15	I14	**Usage Indicator**	M	ID	1/1

Usage Notes: *Use 'P' for Production*

Use 'T' for Test

<u>Code</u>	<u>Name</u>
P	Production Data
T	Test Data

ISA16	I15	**Component Element Separator**	M		1/1

Usage Notes: *Always '+'*

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
		Usage Notes: *Always 'IN'*			

Code	Name
IN	Invoice Information (810,819)

Ref	Id	Element Name	Req	Type	Min/Max
GS02	142	**Application Sender's Code**	M	AN	2/15
		Usage Notes: *Vendor Id#*			
GS03	124	**Application Receiver's Code**	M	AN	2/15
		Usage Notes: *Always 'AMAZONDS'*			
GS04	373	**Date**	M	DT	8/8
		Usage Notes: *Date*			
		Format: CCYYMMDD			
GS05	337	**Time**	M	TM	4/8
		Usage Notes: *Time*			
		Format: HHMM			
GS06	28	**Group Control Number**	M	N0	1/9
		Usage Notes: *Group Control Number assigned by sender*			
GS07	455	**Responsible Agency Code**	M	ID	1/2
		Usage Notes: *Always 'X'*			

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
		Usage Notes: *Always '004010'*			

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

01/16/04

Invoice - 810

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

Usage Notes: *Always '810'*

Code	Name
810	Invoice

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

Usage Notes: *Set Control Number assigned by sender*

AMZN_810_Consolidated_Invoice_Prod_Ful.ecs   7   For internal use only

BIG   Beginning Segment for Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
BIG01	373	**Date**	M	DT	8/8

Usage Notes: *Invoice Date*

Format: CCYYMMDD

Note: Payment terms are calculated based on the Invoice Date. If an invoice has to be resent, the original Invoice Date must be sent.

This field is required

Ref	Id	Element Name	Req	Type	Min/Max
BIG02	76	**Invoice Number**	M	AN	1/22

Usage Notes: *Vendor's Invoice Number*

This field is required

Ref	Id	Element Name	Req	Type	Min/Max
BIG03	373	**Date**	O	DT	8/8

Usage Notes: *Invoice Date*

Format: CCYYMMDD

Note: Payment terms are calculated based on the Invoice Date. If an invoice has to be resent, the original Invoice Date must be sent.

This field is required

Ref	Id	Element Name	Req	Type	Min/Max
BIG04	324	**Purchase Order Number**	O	AN	1/22

Usage Notes: *Not Used*

Ref	Id	Element Name	Req	Type	Min/Max
BIG07	640	**Transaction Type Code**	M	ID	2/2

Usage Notes: *Always 'CI'*

Code	Name
CI	Consolidated Invoice

CUR   Currency

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

Element Summary:

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

Usage Notes: *Always 'BT'*

Code	Name
BT	Bill-to-Party

Ref	Id	Element Name	Req	Type	Min/Max
CUR02	100	**Currency Code**	M	ID	3/3

Usage Notes: *Always 'USD'*

N1   Name - Remit To Name

Pos: 070	Max: 1
Heading - Mandatory	
Loop: N1	**Elements: 4**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N101	98	**Entity Identifier Code**	M	ID	2/3

Usage Notes: *Always 'RI'*

This field is required.

Code	Name
RI	Remit To

Ref	Id	Element Name	Req	Type	Min/Max
N102	93	**Name**	M	AN	1/60

Usage Notes: *Vendor Remit To Name*

This field is required.

Ref	Id	Element Name	Req	Type	Min/Max
N103	66	**Identification Code Qualifier**	M	ID	1/2

Usage Notes: *Always '92'*

This field is required.

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max
N104	67	**Identification Code**	M	AN	2/80

Usage Notes: *Vendor Payee Code*

This is a five character Payee code that Amazon will provide during the implementation process.

Format: AAAAN (ABCD1)

This field is required.

N2	**Additional Name Information**	Pos: 080 Max: 2
		Heading - Optional
		Loop: N1 Elements: 1

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N201	93	**Name**	M	AN	1/60
		Usage Notes: *Vendor Remit To Name, if different from the Remit To Name in N1 segment*			

N3   Address Information

Pos: 090	**Max: 2**
Heading - Mandatory	
Loop: N1	**Elements: 1**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N301	166	**Address Information**	M	AN	1/55

Usage Notes: *Vendor Remit To Address*

Amazon's A/P department must verify Remit To Address matches A/P setup.

This field is required.

N4   Geographic Location

Pos: 100	**Max: 1**
Heading - Mandatory	
Loop: N1	**Elements: 4**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N401	19	**City Name**	M	AN	2/30

Usage Notes: *Vendor Remit To City*

This field is required.

N402	156	**State or Province Code**	M	ID	2/2

Usage Notes: *Vendor Remit To State*

This field is required.

N403	116	**Postal Code**	M	ID	3/15

Usage Notes: *Vendor Remit To Zip/Postal Code*

Note: This must be the 9 digit zip code

This field is required.

N404	26	**Country Code**	M	ID	2/3

Usage Notes: *Vendor Remit To Country Code*

ISO standard two character country codes should be used

This field is required.

N1   Name

<table>
<tr><td>Pos: 070</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N1</td><td>Elements: 4</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
N101	98	**Entity Identifier Code**	M	ID	2/3

Usage Notes: *Always 'SF'*

Code	Name
SF	Ship From

Ref	Id	Element Name	Req	Type	Min/Max
N102	93	**Name**	M	AN	1/60

Usage Notes: *This will be the Amazon code representing the warehouse that the order should ship from.*

This is usually a four character alpha code (e.g. ABCD)

This field is required

Ref	Id	Element Name	Req	Type	Min/Max
N103	66	**Identification Code Qualifier**	M	ID	1/2

Usage Notes: *Always '92'*

Code	Name
92	Assigned by Buyer or Buyer's Agent

Ref	Id	Element Name	Req	Type	Min/Max
N104	67	**Identification Code**	M	AN	2/80

Usage Notes: *This will be the Amazon code representing the warehouse that the order should ship from.*

This is usually a four character alpha code (e.g. ABCD)

This field is required

ITD — Terms of Sale/Deferred Terms of Sale

Pos: 130 **Max: >1**
Heading - Mandatory
Loop: N/A **Elements: 12**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
ITD01	336	**Terms Type Code** **All valid standard codes are used.**	O	ID	2/2
ITD02	333	**Terms Basis Date Code** Usage Notes: *Always '3'*	M	ID	1/2

Code **Name**
3 Invoice Date

Ref	Id	Element Name	Req	Type	Min/Max
ITD03	338	**Terms Discount Percent** Usage Notes: *Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date*	O	R	1/6
ITD04	370	**Terms Discount Due Date** Usage Notes: *Date payment is due if discount is to be earned* *Format: CCYYMMDD*	O	DT	8/8
ITD05	351	**Terms Discount Days Due** Usage Notes: *Number of days in the terms discount period by which payment is due if terms discount is earned*	O	N0	1/3
ITD06	446	**Terms Net Due Date** Usage Notes: *Date when total invoice amount becomes due* *Format: CCYYMMDD*	O	DT	8/8
ITD07	386	**Terms Net Days** Usage Notes: *Number of days until total invoice amount is due (discount not applicable)* *This field is required*	M	N0	1/3
ITD08	362	**Terms Discount Amount** Usage Notes: *Total amount of terms discount*	O	N2	1/10
ITD09	388	**Terms Deferred Due Date** Usage Notes: *Date deferred payment or percent of invoice payable is due* *Format: CCYYMMDD*	O	DT	8/8
ITD10	389	**Deferred Amount Due** Usage Notes: *Deferred amount due for payment*	O	N2	1/10
ITD11	342	**Percent of Invoice Payable** Usage Notes: *Amount of invoice payable expressed in percent*	O	R	1/5
ITD12	352	**Description** Usage Notes: *A free-form description to clarify the terms (e.g. NET 30)* *This field is required.*	M	AN	1/80

IT1   Baseline Item Data (Invoice)

Pos: 010	**Max: 1**
Detail - Mandatory	
Loop: IT1	**Elements: 13**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
IT101	350	**Assigned Identification**	M	AN	1/20

Usage Notes: Line Item ID

This should be the same Line Item ID that was sent in the 850. It must be retained and referred to in subsequent messages (855, 856, 810).

This number is generally sequential (1, 2, 3, etc.)

Note: The combination of PO101 and PO107 should remain constant throughout the order cycle and across messages. Whenver the number in PO101 is used the information will reference the item in PO107.

This field is required.

Ref	Id	Element Name	Req	Type	Min/Max
IT102	358	**Quantity Invoiced**	M	R	1/10

Usage Notes: Quantity Invoiced

This field is required

Ref	Id	Element Name	Req	Type	Min/Max
IT103	355	**Unit or Basis for Measurement Code**	M	ID	2/2

Usage Notes: Always 'EA'

This field is required

Code	Name
EA	Each

> **Usage Notes:**
> *Always 'EA'*

Ref	Id	Element Name	Req	Type	Min/Max
IT104	212	**Unit Price**	M	R	1/17

Usage Notes: Unit Price

Format: Two decimals (e.g. 9.99)

This field is required

Ref	Id	Element Name	Req	Type	Min/Max
IT105	639	**Basis of Unit Price Code**	M	ID	2/2

Usage Notes: Always 'NT'

This field is required

Code	Name
NT	Net

Ref	Id	Element Name	Req	Type	Min/Max
IT106	235	**Product/Service ID Qualifier**	M	ID	2/2

Code	Name
SK	Stock Keeping Unit (SKU)

> **Usage Notes:**
> *Always 'SK'*
>
> *This field is required.*

Ref	Id	Element Name	Req	Type	Min/Max
IT107	234	**Product/Service ID**	M	AN	1/48

Usage Notes: Item Number

This field is required.

Ref	Id	Element Name	Req	Type	Min/Max
IT108	235	**Product/Service ID Qualifier**	M	ID	2/2

Code	Name
PO	Purchase Order Number

> **Usage Notes:**

		Always 'PO' *This field is required.*			
IT109	234	**Product/Service ID** **Usage Notes:** *This will be the Amazon encrypted Ship ID, it is 9-12 characters long and is case sensitive.* *Format: AlphaNumeric beginning with 4 alpha characters followed by 4-5 numeric characters* *Example: abcd12345* *This field is required.*	M	AN	1/48
IT110	235	**Product/Service ID Qualifier** **Usage Notes:** *Vendor Order Number*	X	ID	2/2

Code	Name
VO	Vendor's Order Number

Usage Notes: *Always 'VO'* *This field is required*	

IT111	234	**Product/Service ID** **Usage Notes:** *Vendor Order Reference Number* *This field is required*	X	AN	1/48
IT112	235	**Product/Service ID Qualifier** **Usage Notes:** *Always 'ON'* *This field is required*	M	ID	2/2

Code	Name
ON	Customer Order Number

IT113	234	**Product/Service ID** **Usage Notes:** *Amazon.com 19 digit customer order number. This number will be all numeric 3-7-7 (e.g. 123-1234567-1234567) and will include the dashes.* *This number is not unique and may be used on more than one shipment.* *This field is required*	M	AN	1/48

TXI Tax Information

Pos: 040	**Max: 10**
Detail - Optional	
Loop: IT1	**Elements: 10**

Usage Notes:
FOR INTERNATIONAL USE ONLY

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
TXI01	963	**Tax Type Code**	M	ID	2/2
TXI02	782	**Monetary Amount**	X	R	1/18
TXI03	954	**Percent**	X	R	1/10
TXI04	955	**Tax Jurisdiction Code Qualifier**	X	ID	2/2
TXI05	956	**Tax Jurisdiction Code**	X	AN	1/10
TXI06	441	**Tax Exempt Code**	X	ID	1/1
TXI07	662	**Relationship Code**	O	ID	1/1
TXI08	828	**Dollar Basis For Percent**	O	R	1/9
TXI09	325	**Tax Identification Number**	O	AN	1/20
TXI10	350	**Assigned Identification**	O	AN	1/20

SAC
Service, Promotion, Allowance, or Charge Information

Pos: 180	**Max: 1**
Detail - Optional	
Loop: SAC	**Elements: 3**

Element Summary:

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

Usage Notes: *Always 'C'*

Code	Name
C	Charge

Ref	Id	Element Name	Req	Type	Min/Max
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	X	ID	4/4

Code	Name
B790	Crafting

Usage Notes:
Use 'B790' for Gift Wrap Fees

Code	Name
D240	Freight

Usage Notes:
Use 'D240' for Freight Fees

Note: Freight Fees are inbound transportation charges, this code should not be used for shipping charges on a customer order

Code	Name
D500	Handling

Usage Notes:
Use 'D500' for Fulfillment Fees

Code	Name
E170	Labeling

Usage Notes:
Use 'E170' for Marketing Insert Fees

Code	Name
F155	Packaging

Usage Notes:
Use 'F155' for Packaging Fees

Code	Name
G821	Shipping

Usage Notes:
Always 'G821' for Shipping Charges

Note: This should be used for billing carrier shipping charges when Amazon accounts are not used. For example, USPS shipments.

Ref	Id	Element Name	Req	Type	Min/Max
SAC05	610	**Amount**	O	N2	1/15

Usage Notes: *Amount for charge specified in SAC02*

Format: Two decimals implied (e.g. 9.99 will be sent as 999)

TDS Total Monetary Value Summary

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

Usage Notes:
Total Invoice Amount

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
TDS01	610	**Amount**	M	N2	1/15

Usage Notes: *Invoice Total*

Format: Two decimals implied (e.g. 145.96 will be sent as 14596).

CTT   Transaction Totals

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max
CTT01	354	**Number of Line Items**	M	N0	1/6
		Usage Notes: *Total number of line items in the transaction set*			
CTT02	347	**Hash Total**	O	R	1/10
		Usage Notes: *Total number of units.*			

SE   Transaction Set Trailer

Pos: 080	**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
		Usage Notes: *Number of Segments*			
SE02	329	**Transaction Set Control Number**	M	AN	4/9
		Usage Notes: *Transaction Control Number*			
		Same as ST02			

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
		Usage Notes: *Number of Transactions*			
GE02	28	**Group Control Number**	M	N0	1/9
		Usage Notes: *Group Control Number*			
		Same as GS06			

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
		Usage Notes: *Number of Fuctional Groups*			
IEA02	I12	**Interchange Control Number**	M	N0	9/9
		Usage Notes: *Interchange Control Number*			
		Same as ISA13			