

Inventory Availability Advice

Amazon.com Drop Ship Specifications

Version: 1.0 Final

Author:

Enterprise Integration

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846

Inventory Inquiry/Advice

Functional Group=**IB**

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>
	ISA	Interchange Control Header	M	1		
	GS	Functional Group Header	M	1		

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
050	DTM	Date/Time Reference	O	10		

<u>LOOP ID - N1</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
080	N1	Name	O	1	5	

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>LOOP ID - LIN</u>						<u>10000</u>
010	LIN	Item Identification	M	1		
100	DTM	Date/Time Reference	O	10		
220	SDQ	Destination Quantity	O	500		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	CTT	Transaction Totals	O	1		N3/010
020	SE	Transaction Set Trailer	M	1		

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>
	GE	Functional Group Trailer	M	1		
	IEA	Interchange Control Trailer	M	1		

Overview:

The Inventory Availability Advice is a simple document that allows Amazon to update the inventory it has on the website to the inventory that the vendor is showing it currently available to ship.

The Inventory Availability Advice will include vendor warehouse, item identification number and quantity. The complete feed should occur at least a day with incremental updated each 15 minutes.

Element Separator '^'
 Supplemental Separator '+'
 Segment Terminator '~'

ISA Interchange Control Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 No Authorization Information Present (No Meaningful Information in I02)			
		Usage Notes:			
		Always '00'			
ISA02	I02	Authorization Information	M	AN	10/10
		Usage Notes: Always 10 blank spaces.			
ISA03	I03	Security Information Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 No Security Information Present (No Meaningful Information in I04)			
		Usage Notes:			
		Always '00'			
ISA04	I04	Security Information	M	AN	10/10
		Usage Notes: Always 10 blank spaces			
ISA05	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		01 Duns (Dun & Bradstreet)			
		Usage Notes:			
		Senders ID Qualifier			
		ZZ Mutually Defined			
ISA06	I06	Interchange Sender ID	M	AN	15/15
		Usage Notes: Sender's ID			
ISA07	I05	Interchange ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		ZZ Mutually Defined			
		Usage Notes:			
		Always 'ZZ'			
ISA08	I07	Interchange Receiver ID	M	AN	15/15
		Usage Notes: Always 'AMAZONDS'			
ISA09	I08	Interchange Date	M	DT	6/6
		Usage Notes: Date of the interchange YYMMDD			
ISA10	I09	Interchange Time	M	TM	4/4
		Usage Notes: Time of interchange format HHMM			
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		U U.S. EDI Community of ASC X12, TDCC, and UCS			
		Usage Notes:			
		Always 'U'			
ISA12	I11	Interchange Control Version Number	M	ID	5/5
		<u>Code</u> <u>Name</u>			
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997			
		Usage Notes:			
		Always '00401'			
ISA13	I12	Interchange Control Number	M	N0	9/9
ISA14	I13	Acknowledgment Requested	M	ID	1/1
		<u>Code</u> <u>Name</u>			
		1 Interchange Acknowledgment Requested			

		Usage Notes: <i>Always '1'</i>			
ISA15	I14	Usage Indicator	M	ID	1/1
		<u>Code</u>			
		P			
		<u>Name</u>			
		Production Data			
		Usage Notes: <i>Always 'P' for production</i>			
		T			
		Test Data			
		Usage Notes: <i>Always 'T' for test</i>			
ISA16	I15	Component Element Separator	M		1/1

GS Functional Group Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GS01	479	Functional Identifier Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		IB Inventory Inquiry/Advice (846)			
		Usage Notes:			
		Always 'IB'			
GS02	142	Application Sender's Code	M	AN	2/15
		Usage Notes: Vendor's 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 expressed as CCYYMMDD			
GS05	337	Time	M	TM	4/8
		Usage Notes: Always HHMM			
GS06	28	Group Control Number	M	N0	1/9
GS07	455	Responsible Agency Code	M	ID	1/2
		<u>Code</u> <u>Name</u>			
		X Accredited Standards Committee X12			
		Usage Notes:			
		Always 'X'			
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12
		<u>Code</u> <u>Name</u>			
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997			
		Usage Notes:			
		Always '004010'			

ST Transaction Set Header

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		<u>Code</u> <u>Name</u>			
		846 Inventory Inquiry/Advice			
		Usage Notes:			
		Always '846'			
ST02	329	Transaction Set Control Number	M	AN	4/9

BIA Beginning Segment for Inventory Inquiry/Advice

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
BIA01	353	Transaction Set Purpose Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		00 Original			
		Usage Notes:			
		Use '00' for full inventory availability feeds.			
		25 Incremental			
		Usage Notes:			
		Use '25' for the incremental change availability feeds.			
BIA02	755	Report Type Code	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		DD Distributor Inventory Report			
		Usage Notes:			
		Always 'DD'			
BIA03	127	Reference Identification	M	AN	1/30
BIA04	373	Date	M	DT	8/8
		Usage Notes: Date expressed as CCYYMMDD			
BIA05	337	Time	O	TM	4/8
		Usage Notes: Always 'HHMM'			

DTM Date/Time Reference

Pos: 050	Max: 10
Heading - Optional	
Loop: N/A	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier <u>Code</u> <u>Name</u> 166 Message Usage Notes: Always '166'	M	ID	3/3
DTM02	373	Date Usage Notes: Date expressed as CCYYMMDD	X	DT	8/8
DTM03	337	Time Usage Notes: Always 'HHMMSS'	X	TM	4/8
DTM04	623	Time Code <u>Code</u> <u>Name</u> GM Greenwich Mean Time Usage Notes: Always 'GM'	O	ID	2/2

N1

Name

Pos: 080	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code <u>Code</u> <u>Name</u> ZZ Mutually Defined Usage Notes: Always 'ZZ'	M	ID	2/3
N102	93	Name Usage Notes: Name of the vendor.	X	AN	1/60
N103	66	Identification Code Qualifier <u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's Agent Usage Notes: Always '92'	X	ID	1/2
N104	67	Identification Code Usage Notes: Amazon.com defined code representing sender's reporting warehouse. This is a 4-digit code. (e.g. ABDC)	X	AN	2/80

LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 3

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
LIN01	350	Assigned Identification	O	AN	1/20
LIN02	235	Product/Service ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Name</u>			
		DP Discontinued Part Number			
		Usage Notes:			
		<i>Use 'DP' for all discontinued SKU's.</i>			
		SK Stock Keeping Unit (SKU)			
		Usage Notes:			
		<i>Always 'SK' for all valid SKUs.</i>			
LIN03	234	Product/Service ID	M	AN	1/48
		Usage Notes: <i>Identifying number for a product or service.</i>			

DTM Date/Time Reference

Pos: 100	Max: 10
Detail - Optional	
Loop: LIN	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier <u>Code</u> <u>Name</u> 018 Available Usage Notes: <i>Always use '018'</i>	M	ID	3/3
DTM02	373	Date Usage Notes: <i>Date expressed as CCYYMMDD, for when item is available to ship.</i>	X	DT	8/8
DTM03	337	Time Usage Notes: <i>Format HHMM for time item is available to ship.</i>	X	TM	4/8
DTM04	623	Time Code <u>Code</u> <u>Name</u> UT Universal Time Coordinate	O	ID	2/2

Usage Notes:

Only use if the date of availability is in the future.

SDQ Destination Quantity

Pos: 220	Max: 500
Detail - Optional	
Loop: LIN	Elements: 4

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SDQ01	355	Unit or Basis for Measurement Code <u>Code</u> <u>Name</u> EA Each Usage Notes: <i>Always 'EA'</i>	M	ID	2/2
SDQ02	66	Identification Code Qualifier <u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's Agent Usage Notes: <i>Always '92'</i>	O	ID	1/2
SDQ03	67	Identification Code Usage Notes: <i>Vendor warehouse code. 4 digit code created by Amazon (e.g. ABDC)</i>	M	AN	2/80
SDQ04	380	Quantity Usage Notes: <i>Quantity.</i> <i>*Note - Quantity not to exceed 999,999. If a quantity exceeds this amount we will default to 999,999 until the quantity drops below that amount.</i>	M	R	1/15

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
CTT01	354	Number of Line Items <i>Usage Notes: Total number of line items</i>	M	N0	1/6
CTT02	347	Hash Total <i>Usage Notes: Total Quantity</i>	O	R	1/10

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9
Usage Notes: <i>Sames as ST02.</i>					

GE Functional Group Trailer

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6
GE02	28	Group Control Number	M	N0	1/9
Usage Notes: <i>Same as GS06</i>					

IEA**Interchange Control Trailer**

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5
IEA02	I12	Interchange Control Number	M	N0	9/9
Usage Notes: <i>Same as ISA13</i>					