Advance Ship Notice
ANSI X12 856
Version 4010

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Document Overview

The purpose of this document is to provide Amazon's trading partners with detailed specifications and guidelines for implementing electronic advance shipment notice feeds (856) with Amazon.com.

The advance shipment notice (ASN) is a key component to multiple aspects of the Amazon business process. It gives Amazon a view of what you've shipped, allows labor to be planned ahead of time based on estimated time of arrival information and what product is shipped. It allows for score carding to be processed on ordered vs. shipped vs. received product information and is key to helping reduce friction in the front end of the supply chain. The 856 is the most widely use and the most diverse of all the EDI ANSI X12 messages used.

Amazon's specifications are compliant with, but not identical to, generally established ANSI X12 standards. The following specs will provide Amazon specific definitions for key data elements and the expected format for the data to be sent in. While Amazon will be implementing data validation rules were applicable, the onus of data integrity will be upon the sending party. Any and all data inaccuracies should be noted and corrected as soon as possible.

Please Read and Note the following regarding shipment identification information:

I. **Concerning Truckload and Less Than Truckload carriers:**
> For Truckload and Less than Truckload shipments Amazon.com follows the VICS (http://www.vics.org, /http://www.vics.org/documents/docs/VICSBOL2004revisions.doc)
> standard for Bill of Lading (BOL) and tracking requirements. In appendix C you will find an example of a VICS BOL. You may use any BOL you wish, but it must confirm the general format of the VICS BOL shown in the appendix including
> - Bill of Lading Number (BOL#) on the top right and clearly marked as a BOL# which is your own internal reference number for the shipment of goods marked on the paper BOL.
> - Carrier Shipment Reference Number (PRO shown in the example) top right clearly marked as a PRO # below your BOL number which is the carrier's PRO number, i.e. their internal reference number for identifying the shipment of goods marked on the paper BOL and what they use to track and report status on the shipment.
> - **ALL** purchase order numbers relevant to the shipment of goods being tendered to the carrier.

> For **ALL Truckload and Less than Truckload shipments** prepaid and collect going from your facility to Amazon.com your ASN **must include ALL** of the key reference numbers that reference the shipment off of the paper BOL which includes:
>> 1**. The Bill of Lading Number (BOL#)** matched exactly as shown on your paper bill of lading including any leading or trailing 0s and any dashes or punctuation

>> 2. **Carrier Reference Number (PRO# for LTL and TL Carrier's)** matched exactly as shown on your paper bill of lading including any leading or trailing 0s and any dashes or punctuation

II. **Concerning Airfreight Carriers:**
> **For Airfreight** (both package and heavy weight) **you must include all of** the air carriers AIRBILL Numbers, which are the internal reference numbers for airfreight identifying the shipment(s)
> - For most heavyweight air freight each AIRBILL Number represents a separate pallet of freight
> - For most package air freight each AIRBILL Number represents separate shipment of each carton/package

III. **Concerning Small Package Carriers:**
> For **ALL small package shipments** such as UPS you must include the carrier's tracking number representing separate shipments of each carton/package.

If you do not provide the appropriate shipment identification numbers relevant to your shipment as described above you will not be in compliance with Amazon.com ASN business requirements. We must be able to confirm in production testing that you are able to send these valid identification numbers and you must continue to stay in compliance once in production.

If we can not tie your shipment to the relevant carrier status or shipment appointment request because we do not have appropriate shipment identification numbers you will be contacted to resolve. If not resolved long term you can be subject to incur relevant charges in accordance with the loss of visibility and resource time for Amazon.com. Please see the vendor manual for more information.

ASN Key Values

The following table defines the key data elements and their Amazon definitions. All qualifiers and other data spec information can be found in the specification section below.

Element Name	Element Description	ANSI X12 Location	Mandatory?
Airbill Number	An airbill number is the unique identifier air carriers use to identify a package or pallet. The carrier may use this number to invoice as well. The airbill number is assigned by the carrier to either the package for small parcel shipments or to the pallet for large shipments. The airbill number(s) may be provided in either the Shipment or Package Level ASN. If you choose to report the airbill number at the Shipment level, then one ASN is required per airbill Number. Or vendors may provide each airbill Number in multiple package levels.	REF02, when REF01=CN	CONDITIONAL
Amz DC	This field will be a unique ID representing the Amazon FC where this shipment will be delivered.	N104 WHEN N101 = ST	REQUIRED
ASNID	This field will be a unique ID which represents this ASN.	BSN02	REQUIRED
ASN Sent Date/Time	This field will be the date/time that the ASN information was pulled from the database. Both date and time are required if more than one ASN file will be submitted per shipment ASN ID.	BSN03/04	REQUIRED/ CONDITIONAL
ASN Type	Code describing the message format.	BSN05	REQUIRED
BOL	Bill of Lading (BOL) reference number is required for truckload and less than truckload (LTL) shipments. The Amazon.com definition of BOL is defined in reference to truckload and LTL shipments only. BOL reference number is the unique number assigned by the shipper in creating the Bill of Lading. This is a number that identifies a unique shipment. **Note: the BOL reference number on the paper BOL should match the reference number provided in this data element.**	REF02, where REF01=BM	CONDITIONAL
Carrier SCAC	The Standard Carrier Alpha Code (SCAC) is a unique two-to-four-letter code used to identify a carrier. Carrier SCAC codes are assigned and maintained by the NMFTA (National Motor Freight Association). To obtain a SCAC code or the list of all SCAC codes contact the NMFTA at (703) 838-1868. NMFTA developed the SCAC identification codes in the late 1960's to facilitate computerization in the transportation industry.	TD503	REQUIRED
Carton Count	This field will be the total number of cartons making up a shipment.	If TD101 = CTN, TD102	REQUIRED
Freight Terms	Code defining whether the shipment is pre-paid or collect.	FOB01	REQUIRED
Load Type	This field is used to indicate whether a shipment is	TD105	OPTIONAL

	floor loaded or not. A value of FLR indicates that the shipment is floor loaded. A value of PLT indicates a shipment of pallets.		
Pallet Count	This field will be the total number of pallets making up the shipment.	If TD101 = SKD, TD102	OPTIONAL
PO#	This field will contain the Amazon purchase order number. It will be supplied for all Amazon.com Purchase Order numbers relevant to each shipment and that shipment's paper bill of lading (BOL).	PRF01	REQUIRED
PRO#	PRO number is required for truckload and less than truckload (LTL) shipments.

The PRO is a unique number assigned by the carrier. It is used to identify and track the shipment that goes out for delivery. | REF02, when REF01=CN | CONDITIONAL |
| Product ID | Amazon systems require either a UPC or ISBN. | LIN03 | REQUIRED |
| Purpose Code | Code defining whether the ASN is an original, update or replacement. | BSN01;
00 – Original
05 – Replace | REQUIRED |
QTY Shipped	This field will be the number of units shipped for this item related to this order.	SN102	REQUIRED
Seal#	This field will be the container's seal number.	REF02, when REF01=SN	OPTIONAL
Shipped Date	This field will contain the date/time that the shipment departed.	DTM02	REQUIRED
Shipped From City	City for the origins' warehouse location	N401, when the N101 = SF	REQUIRED
Shipped From State/Province	State/Province code for the origins' warehouse location.	N402, when the N101 = SF	REQUIRED
Shipped From Postal Code	Postal code for the origins' warehouse location.	N403, when the N101 = SF	REQUIRED
Shipped From Country Code	ISO Country code for the origins' warehouse location.	N404, when the N101 = SF	REQUIRED
SSCC	This field will be the UCC-128 code associated with this package.	MAN02	OPTIONAL
Tracking Number	A Tracking Number is the number that small package/parcel carriers (carriers that ship smaller weight shipments usually <250 lb) use to identify each package they are shipping.

The Tracking number(s) may be provided in either the Shipment or Package Level ASN. If you choose to report the tracking number at the Shipment level, then one ASN is required per tracking number. Or vendors may provide each tracking number in multiple package levels. | REF02, when REF01=CN | CONDITIONAL |
Unit Price	Price of the product.	SLN06 when SLN07 = 'NET'	OPTIONAL
Vendor Code	This field will be a unique ID that represents the warehouse where this shipment originated from.	N104 WHEN N101 = SF	REQUIRED
Weight	This field will be the gross weight of the shipment.	TD107	REQUIRED

856

Ship Notice/Manifest

Functional Group=SH

This Draft Standard for Trial Use contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	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	BSN	Beginning Segment for Ship Notice	M	1		

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
LOOP ID - HL					**200000**	**C2/010L**
010	HL	Hierarchical Level	M	1		C2/010
110	TD1	Carrier Details (Quantity and Weight)	M	20		
110	TD1	Carrier Details (Quantity and Weight)	O	20		
120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12		
150	REF	Bill of Lading	C	>1		
150	REF	Pro Number/Tracking ID/Airbill Number	C	>1		
150	REF	Seal Number	O	>1		
200	DTM	Shipped Date	M	10		N2/200
200	DTM	Estimated Arrival Date	M	10		
210	FOB	F.O.B. Related Instructions	M	1		
LOOP ID - N1					**200**	
220	N1	Name	M	1		
250	N4	Geographic Location	M	1		
LOOP ID - N1					**200**	
220	N1	Name	M	1		
LOOP ID - HL					**200000**	**C2/010L**
010	HL	Hierarchical Level	M	1		C2/010
050	PRF	Purchase Order Reference	M	1		
LOOP ID - HL					**200000**	**C2/010L**
010	HL	Hierarchical Level	C	1		C2/010
110	TD1	Carrier Details (Quantity and Weight)	O	20		
150	REF	Tracking ID/Airbill Number	C	>1		
190	MAN	Marks and Numbers	C	>1		
LOOP ID - HL					**200000**	**C2/010L**

010	HL	Hierarchical Level	M	1		C2/010
020	LIN	Item Identification	M	1		
030	SN1	Item Detail (Shipment)	M	1		
040	SLN	Subline Item Detail	O	1000		

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes
010	CTT	Transaction Totals	M	1		N3/010
020	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		

Notes:

2/200

3/010   Number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of units shipped (SN102) for each SN1 segment.

Comments:

2/010L   The HL segment is the only mandatory segment within the HL loop, and by itself, the HL segment has no meaning.
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ISA   Interchange Control Header

					Pos: 010 Max: 1
					Not Defined - Mandatory
					Loop: N/A Elements: 16

Element Summary:

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

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

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

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information**	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID**	M	AN	15/15	Must use

External Information: *This field will contain the unique sender ID which represents the message creator.*

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

Code	Name
ZZ	Mutually Defined

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

Formatting Notes: *AMAZON*

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

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

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

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA11	I10	**Interchange Control Standards Identifier** **All valid standard codes are used.**	M	ID	1/1	Must use
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use

Code	Name
00400	Standard Issued as ANSI X12.5-1997

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

External Information: *This field will contain a unique nine digit number representing this EDI transaction.*

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

Code	Name
0	No Acknowledgment Requested

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA15	I14	**Usage Indicator**	M	ID	1/1	Must use

Code	Name
P	Production Data
T	Test Data

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA16	I15	**Component Element Separator**	M	AN	1/1	Must use

External Information: *This field will contain the character used to designate the subelement separation.*

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	Usage
GS01	479	**Functional Identifier Code**	M	ID	2/2	Must use

Code	Name
SH	Ship Notice/Manifest (856)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code**	M	AN	2/15	Must use
		External Information: *This field will be a code identifying the sender.*				
GS03	124	**Application Receiver's Code**	M	AN	2/15	Must use
		Formatting Notes: *AMAZON*				
GS04	373	**Date**	M	DT	8/8	Must use
		External Information: *This field will be the date that the EDI message was created.*				
GS05	337	**Time**	M	TM	4/8	Must use
		External Information: *This field will be the time that the EDI message was created.*				
GS06	28	**Group Control Number**	M	N0	1/9	Must use
		External Information: *This field will contain a unique number representing this GS-GE transaction.*				
GS07	455	**Responsible Agency Code**	M	ID	1/2	Must use

Code	Name
X	Accredited Standards Committee X12

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

Code	Name
004010	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.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST   Transaction Set Header

<table>
<tr><td></td><td>Pos: 010</td><td>Max: 1</td></tr>
<tr><td></td><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td></td><td>Elements: 2</td></tr>
</table>

Element Summary:

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

Code	Name
856	Ship Notice/Manifest

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

External Information: *This field will contain a unique number representing this ST-SE transaction.*

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).

BSN Beginning Segment for Ship Notice

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN01	353	**Transaction Set Purpose Code**	M	ID	2/2	Must use

Code	Name
00	Original
05	Replace

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN02	396	**Shipment Identification**	M	AN	2/30	Must use

External Information: *This field will be a unique ID which represents this ASN.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN03	373	**Date**	M	DT	8/8	Must use

External Information: *This field will be the date that the ASN information was pulled from the database.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN04	337	**Time**	C	TM	4/8	Used

External Information: *This field is required if the vendor intends to submit more than one ASN file per shipment ASN ID.*

note: *The format must be reported in hours. minutes and seconds:*

HHMMSS

note: *Local time must be converted to either Greenwich Mean Time or Universal Time Coordinates.*
Formatting Notes: *HHMMSS*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN05	1005	**Hierarchical Structure Code**	M	ID	4/4	Must use

Code	Name
0001	Shipment, Order, Packaging, Item
0003	Shipment, Packaging, Order, Item
0004	Shipment, Order, Item

Semantics:

1. BSN03 is the date the shipment transaction set is created.
2. BSN04 is the time the shipment transaction set is created.

Example:

*BSN*00*0305140907*20030514**0001*
*BSN*05*0305140907*20030515**0001*

Please note::

If you send an ASN that is meant to replace the original, send the same shipment identification in the BSN02 and a value of 05 in the BSN02.

Loop HL

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat
010	HL	Hierarchical Level	M	1	
110	TD1	Carrier Details (Quantity and Weight)	M	20	
110	TD1	Carrier Details (Quantity and Weight)	O	20	
120	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12	
150	REF	Bill of Lading	C	>1	
150	REF	Pro Number/Tracking ID/Airbill Number	C	>1	
150	REF	Seal Number	O	>1	
200	DTM	Shipped Date	M	10	
200	DTM	Estimated Arrival Date	M	10	
210	FOB	F.O.B. Related Instructions	M	1	
220		Loop N1	M		200
220		Loop N1	M		200

HL Hierarchical Level

	Pos: 010	Max: 1
	Detail - Mandatory	
	Loop: HL	Elements: 4

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		External Information: *This will be a unique ID number which sequentially increase with each subsequent HL loop.*				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Recommended
		External Information: *This field will be the HL01 element for the HL loop that this loop belongs to.*				
		Orders => Shipments				
		Packages => Orders				
		Items => Packages or Orders				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
S	Shipment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL04	736	**Hierarchical Child Code**	O	ID	1/1	Recommended

Code	Name
1	Additional Subordinate HL Data Segment in This Hierarchical Structure.

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

Example:

HL*1**S

TD1 Carrier Details (Quantity and Weight)

			Pos: 110	Max: 20
			Detail - Mandatory	
			Loop: HL	**Elements: 6**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code**	M	AN	3/5	Must use

Code	Name
CTN	Carton

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD102	80	**Lading Quantity**	M	N0	1/7	Must use

External Information: *This field will be the total number of cartons making up a shipment.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD105	79	**Lading Description**	O	AN	1/50	Used

External Information: *This field is used to indicate whether a shipment is floor loaded or not. A value of FLR indicates that the shipment is floor loaded. A value of PLT indicates a shipment of pallets.*
Please Note: *All non-small parcel shipments must be palletized.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD106	187	**Weight Qualifier**	M	ID	1/2	Must use

Code	Name
G	Gross Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	**Weight**	M	R	1/10	Must use

External Information: *This field will be the gross weight of the shipment.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD108	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Code	Name
KG	Kilogram
LB	Pound

Syntax:

1. C0102 - If TD101 is present, then all of TD102 are required

Example:

TD1*CTN*45****G*1297.03*LB
TD1*CTN*45***PLT*G*1297.03*LB
TD1*CTN*4***FLR*G*12.03*LB

TD1   Carrier Details (Quantity and Weight)

Pos: 110		**Max: 20**
	Detail - Optional	
Loop: HL		**Elements: 2**

Element Summary:

Ref	Id	Element Name		Req	Type	Min/Max	Usage
TD101	103	**Packaging Code**		O	AN	3/5	Used
		Code	**Name**				
		PLT	Pallet				
TD102	80	**Lading Quantity**		O	N0	1/7	Used
		External Information: *This field will be the total number of pallets making up the shipment.*					

Syntax:

1. C0102 - If TD101 is present, then all of TD102 are required

Example:

*TD1*PLT*6*

TD5 Carrier Details (Routing Sequence/Transit Time)

				Pos: 120	Max: 12
				Detail - Mandatory	
				Loop: HL	Elements: 2

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD502	66	**Identification Code Qualifier**	M	ID	1/2	Must use
		Code **Name**				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	**Identification Code**	M	AN	2/80	Must use

External Information: *The Standard Carrier Alpha Code (SCAC) is a unique two-to-four-letter code used to identify a carrier. Carrier SCAC codes are assigned and maintained by the NMFTA (National Motor Freight Association). To obtain a SCAC code or the list of all carrier SCAC codes contact the NMFTA at (703) 838-1868.*

NMFTA developed the SCAC identification codes in the late 1960's to facilitate computerization in the transportation industry.

The following is a list of preferred Amazon.com carriers and their corresponding SCAC code:

RBTW - CH Robinson
PHTS - Phoenix
SUSE - SuperSaver
ABFS - ABF Freight -
YFSY - Yellow Freight-
FXFW - Fedexfreight West
FXFE - Fedexfreight East
FDEN - Federal Express Heavy Weight (Air freight > 250lb)
EXP - Federal Express Parcel/Package/Overnight
RPSI - FedEx Ground
UPSN - UPS Small Parcel Carrier
AIRB - Airborne

Formatting Notes: *aaaa*

Syntax:

1. R0204050612 - At least one of TD502,TD504,TD505,TD506,TD512 is required
2. C0203 - If TD502 is present, then all of TD503 are required

Example:

*TD5**2*ABFS*
*TD5**2*UPSN*

REF   Bill of Lading

					Pos: 150	Max: >1
Detail - Conditional						
Loop: HL					Elements: 2	

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Code	Name
BM	Bill of Lading Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/30	Must use

External Information: *Bill of Lading (BOL) reference number is required for truckload and less than truckload (LTL) shipments. The Amazon.com definition of BOL is defined in reference to truckload and LTL shipments only. BOL reference number is the unique number assigned by the shipper in creating the Bill of Lading. This is a number that identifies a unique shipment.*

Note: the BOL reference number on the paper BOL should match the reference number provided in this data element.

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

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

Example:

*REF*BM*600305100059*

REF   Pro Number/Tracking ID/Airbill Number

Pos: 150			**Max: >1**
	Detail - Conditional		
Loop: HL			**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Code	Name
CN	Carrier's Shipment Reference Number

User Note 1:

A value of CN is used to qualify the following values:

=> carrier PRO Number for LTL and TL Carriers
=> carrier tracking number for small parcel carriers
=> carrier airbill number for air freight.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/30	Must use

External Information: *PRO number is required for truckload and less than truckload (LTL) shipments.*

The PRO Number (Pro Number) is a unique number assigned by the carrier. It is used to identify and track the shipment that goes out for delivery.

Note regarding small parcel shipments:
For small parcel carriers the tracking number per package is required in this field.   If you are unable to provide a tracking number per package at the shipment level, you may provide each tracking number in the package level REF segment.

Note regarding air freight:
The airbill number replaces the tracking number or PRO number for air freight shipments.

An airbill number is the unique identifier air carriers use to identify a package or pallet. The carrier may use this number to invoice as well. The airbill number is assigned by the carrier to either the package for small parcel shipments or to the pallet for large shipments.

The airbill number per package/pallet is required in this field.   If you are unable to provide an airbill number per package/pallet at the shipment level, you may provide each airbill number in the package level REF segment.

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

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

Segment Use:

If there is only one PRO/Tracking number/Airbill number, the REF segment must exist at the Shipment Level.

If there are multiple unique PRO/Tracking Numbers/Airbill numbers, you may use the REF segment in the Package Level.

Example:

(example of valid Pro Number from trucking company)
REF*CN*009447616
(example of valid tracking number from small parcel carrier)
REF*CN*1ZE1628E0340236740

REF   Seal Number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	O	ID	2/3	Used

		Code	**Name**			
		SN	Seal Number			

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	O	AN	1/30	Used
		External Information: *This field will be the container's seal number.*				

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

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

DTM Shipped Date

		Pos: 200	Max: 10
Detail - Mandatory			
Loop: HL			Elements: 4

Element Summary:

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

Code	Name
011	Shipped

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

External Information: *This field will contain the date/time that the shipment departed.*
Formatting Notes: *CCYYMMDD*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM03	337	**Time**	C	TM	4/8	Used
DTM04	623	**Time Code**	C	ID	2/2	Used

Code	Name
GM	Greenwich Mean Time
UT	Universal Time Coordinate

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

Example:

(example with mandatory fields)
*DTM*011*20030507*
(example with mandatory and optional fields)
*DTM*011*20030507*0907*GM*

DTM   Estimated Arrival Date

<table>
<tr><td>Pos: 200</td><td>Max: 10</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: HL</td><td>Elements: 2</td></tr>
</table>

Element Summary:

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

Code	Name
017	Estimated Delivery

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

External Information: *This field will be the estimated date of arrival will be for this shipment.*
Formatting Notes: *CCYYMMDD*

Syntax:

1. R020305 - At least one of DTM02,DTM03,DTM05 is required
2. C0403 - If DTM04 is present, then all of DTM03 are required
3. P0506 - If either DTM05,DTM06 is present, then all are required

Example:

*DTM*017*20030514*

FOB   F.O.B. Related Instructions

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
FOB01	146	**Shipment Method of Payment**	M	ID	2/2	Must use

Code	Name
CC	Collect
PO	Prepaid Only

Semantics:

1. FOB01 indicates which party will pay the carrier.

Example:

FOB*CC
FOB*PO

Loop N1

Pos: 220   **Repeat: 200**
Mandatory
Loop: N1   **Elements: N/A**

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat
220	N1	Name	M	1	
250	N4	Geographic Location	M	1	

Example:

N1*SF*SUPPLIER*15*1234567
N4*NASHVILLE*TN*37214

N1 Name

<table>
<tr><td></td><td>Pos: 220</td><td align="right">Max: 1</td></tr>
<tr><td></td><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: N1</td><td></td><td align="right">Elements: 4</td></tr>
</table>

Element Summary:

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

Code	Name
SF	Ship From

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	O	AN	1/60	Used
N103	66	**Identification Code Qualifier**	M	ID	1/2	Must use

Code	Name
1	D-U-N-S Number, Dun & Bradstreet
15	Standard Address Number (SAN)
ZZ	Mutually Defined

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

External Information: *This field will be a unique ID that represents the warehouse where this shipment originated from.*

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

N4   Geographic Location

<table>
<tr><td></td><td>Pos: 250</td><td>Max: 1</td></tr>
<tr><td></td><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: N1</td><td></td><td>Elements: 4</td></tr>
</table>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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 Kingdon - GB
France - FR
Germany - DE
Japan - JP

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Loop N1

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat
220	N1	Name	M	1	

N1   Name

Pos: 220   **Max: 1**
Detail - Mandatory
Loop: N1   **Elements: 4**

Element Summary:

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

Code	Name
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N102	93	**Name**	O	AN	1/60	Used
N103	66	**Identification Code Qualifier**	X	ID	1/2	Used

Code	Name
15	Standard Address Number (SAN)
92	Assigned by Buyer or Buyer's Agent

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

External Information: *This field will be a unique ID representing the Amazon FC where this shipment will be delivered.*

Formatting Notes:
PHL1 => New Castle, DE
RNO1 => Fernley, NV
LEX1 => Lexington, KY
TUL1 => Coffeeville, KS
SDF1 => Campbellsville, KY
PRTO => Mississauga , ON

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Example:

*N1*ST*AMAZON COM INC*92*RNO1*
*N1*ST*AMAZON COM INC*15*1566008*

Loop HL

Pos: 010					**Repeat: 200000**
		Mandatory			
Loop: HL					**Elements: N/A**

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat
010	HL	Hierarchical Level	M	1	
050	PRF	Purchase Order Reference	M	1	

HL — Hierarchical Level

				Pos: 010	Max: 1

Pos: 010   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 4**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		External Information: *This will be a unique ID number which sequentially increase with each subsequent HL loop.*				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		External Information: *This field will be the HL01 element for the HL loop that this loop belongs to.*				
		Orders => Shipments *Packages => Orders* *Items => Packages or Orders*				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
O	Order

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL04	736	**Hierarchical Child Code** **All valid standard codes are used.**	O	ID	1/1	Used

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

PRF   Purchase Order Reference

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PRF01	324	**Purchase Order Number**	M	AN	1/22	Must use

> **External Information:** *This field will contain the Amazon purchase order number. It will be supplied for all Amazon.com Purchase Order numbers relevant to each shipment and that shipment's paper bill of lading (BOL).*
> **Formatting Notes:** *annnnnnn*

Semantics:

1.

Example:

*PRF*S3993317*

Loop HL

<table>
<tr><td>Pos: 010</td><td>Repeat: 200000</td></tr>
<tr><td colspan="2">Conditional</td></tr>
<tr><td>Loop: HL</td><td>Elements: N/A</td></tr>
</table>

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat
010	HL	Hierarchical Level	C	1	
110	TD1	Carrier Details (Quantity and Weight)	O	20	
150	REF	Tracking ID/Airbill Number	C	>1	
190	MAN	Marks and Numbers	C	>1	

Segment Use:

The HL-Package loop is only required when license plate receive is in progress or multiple tracking numbers exist for a single ASN.

HL   Hierarchical Level

<div style="float:right; border:1px solid black;">

Pos: 010   **Max: 1**
Detail - Conditional
Loop: HL   **Elements: 4**

</div>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		External Information: *This will be a unique ID number which sequentially increase with each subsequent HL loop.*				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		External Information: *This field will be the HL01 element for the HL loop that this loop belongs to.* *Orders => Shipments* *Packages => Orders* *Items => Packages or Orders*				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
P	Pack

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL04	736	**Hierarchical Child Code** **All valid standard codes are used.**	O	ID	1/1	Used

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

TD1 Carrier Details (Quantity and Weight)

				Pos: 110	Max: 20
				Detail - Optional	
				Loop: HL	Elements: 10

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD101	103	**Packaging Code**	O	AN	3/5	Not used

Code	Name
CTN	Carton
PLT	Pallet

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD102	80	**Lading Quantity**	X	N0	1/7	Used
TD103	23	**Commodity Code Qualifier**	O	ID	1/1	Not used
TD104	22	**Commodity Code**	O	AN	1/30	Not used
TD105	79	**Lading Description**	O	AN	1/50	Used
TD106	187	**Weight Qualifier**	O	ID	1/2	Used

Code	Name
G	Gross Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	**Weight**	O	R	1/10	Used
TD108	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used

Code	Name
KG	Kilogram
LB	Pound

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD109	183	**Volume**	X	R	1/8	Used
TD110	355	**Unit or Basis for Measurement Code** **All valid standard codes are used.**	X	ID	2/2	Used

Syntax:

1. C0607 - If TD106 is present, then all of TD107 are required
2. P0708 - If either TD107,TD108 is present, then all are required
3. P0910 - If either TD109,TD110 is present, then all are required

Example:

*TD1*CTN*1****G*2.5*LB*
*TD1*PLT*1****G*50.75*LB*

REF   Tracking ID/Airbill Number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	**Reference Identification Qualifier**	M	ID	2/3	Must use

Code	Name
CN	Carrier's Tracking/Airbill Number

User Note 1:

A value of CN is used to qualify the following values:

=> carrier tracking number for small parcel carriers
=> carrier airbill number for air freight.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/30	Must use

External Information: *For small parcel shipments, this field may contain the carrier tracking number per package.*

For air freight, this field may contain the air bill (assigned by the carrier) per package/pallet.

Syntax:

1. R0203 - At least one of REF02,REF03 is required

Semantics:

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

Segment Use:

Example:

*REF*CN*1ZE1628E0340236740*

MAN   Marks and Numbers

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN01	88	**Marks and Numbers Qualifier**	M	ID	1/2	Must use

Code	Name
GM	SSCC-18 and Application Identifier

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MAN02	87	**Marks and Numbers**	M	AN	1/48	Must use

External Information: *This field will be the UCC-128 code asociated with this package. Refer to Appendix A for more information regarding LP Receive with Amazon.com and our label specifications.*

Syntax:

1. P0405 - If either MAN04,MAN05 is present, then all are required
2. C0605 - If MAN06 is present, then all of MAN05 are required

Segment Use:

This segment must be used if companies are involved in the Amazon license plate receive process.

Example:

MAN*GM*00000388080758591512

Loop HL

<table>
<tr><td></td><td>**Pos: 010**</td><td>**Repeat: 200000**</td></tr>
<tr><td></td><td colspan="2">**Mandatory**</td></tr>
<tr><td></td><td>**Loop: HL**</td><td>**Elements: N/A**</td></tr>
</table>

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat
010	HL	Hierarchical Level	M	1	
020	LIN	Item Identification	M	1	
030	SN1	Item Detail (Shipment)	M	1	
040	SLN	Subline Item Detail	O	1000	

HL   Hierarchical Level

<div style="text-align:right">

Pos: 010   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 4**

</div>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use
		External Information: *This will be a unique ID number which sequentially increase with each subsequent HL loop.*				
HL02	734	**Hierarchical Parent ID Number**	O	AN	1/12	Used
		External Information: *This field will be the HL01 element for the HL loop that this loop belongs to.*				
		Orders => Shipments				
		Packages => Orders				
		Items => Packages or Orders				
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
I	Item

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL04	736	**Hierarchical Child Code** **All valid standard codes are used.**	O	ID	1/1	Used

Comments:

1. The HL segment is used to identify levels of detail information using a hierarchical structure, such as relating line-item data to shipment data, and packaging data to line-item data.
2. The HL segment defines a top-down/left-right ordered structure.
3. HL01 shall contain a unique alphanumeric number for each occurrence of the HL segment in the transaction set. For example, HL01 could be used to indicate the number of occurrences of the HL segment, in which case the value of HL01 would be "1" for the initial HL segment and would be incremented by one in each subsequent HL segment within the transaction.
4. HL02 identifies the hierarchical ID number of the HL segment to which the current HL segment is subordinate.
5. HL03 indicates the context of the series of segments following the current HL segment up to the next occurrence of an HL segment in the transaction. For example, HL03 is used to indicate that subsequent segments in the HL loop form a logical grouping of data referring to shipment, order, or item-level information.
6. HL04 indicates whether or not there are subordinate (or child) HL segments related to the current HL segment.

LIN   Item Identification

Pos: 020   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 3**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	O	AN	1/20	Used
		External Information: *This will be a unique line number representing this item.*				
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

Code	Name
EN	European Article Number (EAN) (2-5-5-1)
IB	International Standard Book Number (ISBN)
UP	U.P.C. Consumer Package Code (1-5-5-1)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use
		External Information: *The value in this field should match the line item identifier supplied by Amazon.com when the order was placed either via EDI or some alternative method such as email.*				

Semantics:

1. LIN01 is the line item identification

Example:

*LIN**IB*0718002431*

SN1   Item Detail (Shipment)

<div style="float:right">

Pos: 030   **Max: 1**
Detail - Mandatory
Loop: HL   **Elements: 3**

</div>

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN101	350	**Assigned Identification**	O	AN	1/20	Used
		External Information: *This will be a unique line number representing this item.*				
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		External Information: *This field will be the number of units shipped for this item related to this order.*				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Code	Name
EA	Each
UN	Unit

Syntax:

1. P0506 - If either SN105,SN106 is present, then all are required

Semantics:

1. SN101 is the ship notice line-item identification.

Comments:

1. SN103 defines the unit of measurement for both SN102 and SN104.

Example:

*SN1**1*EA*

SLN Subline Item Detail

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN01	350	**Assigned Identification**	M	AN	1/20	Must use
		External Information: *This will be a unique line number representing this item.*				
SLN02	350	**Assigned Identification**	O	AN	1/20	Not used
SLN03	662	**Relationship Code**	M	ID	1/1	Must use

Code	Name
I	Included

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SLN06	212	**Unit Price**	M	R	1/17	Must use
SLN07	639	**Basis of Unit Price Code**	M	ID	2/2	Must use

Code	Name
NT	Net

Syntax:

1. P0405 - If either SLN04,SLN05 is present, then all are required
2. C0706 - If SLN07 is present, then all of SLN06 are required
3. C0806 - If SLN08 is present, then all of SLN06 are required
4. P0910 - If either SLN09,SLN10 is present, then all are required
5. P1112 - If either SLN11,SLN12 is present, then all are required
6. P1314 - If either SLN13,SLN14 is present, then all are required
7. P1516 - If either SLN15,SLN16 is present, then all are required
8. P1718 - If either SLN17,SLN18 is present, then all are required
9. P1920 - If either SLN19,SLN20 is present, then all are required
10. P2122 - If either SLN21,SLN22 is present, then all are required
11. P2324 - If either SLN23,SLN24 is present, then all are required
12. P2526 - If either SLN25,SLN26 is present, then all are required
13. P2728 - If either SLN27,SLN28 is present, then all are required

Semantics:

1. SLN01 is the identifying number for the subline item.
2. SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials.
3. SLN03 is the configuration code indicating the relationship of the subline item to the baseline item.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1.

Example:

SLN*PRICE**O***6.5*NT

CTT   Transaction Totals

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items**	M	N0	1/6	Must use
		External Information: *Logical count of all HL loops in the message.*				
CTT02	347	**Hash Total**	M	R	1/10	Must use
		External Information: *Sum of all SN102 segments.*				

Syntax:

1. P0304 - If either CTT03,CTT04 is present, then all are required
2. P0506 - If either CTT05,CTT06 is present, then all are required

Comments:

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

Example:

*CTT*537*2426*

SE   Transaction Set Trailer

Element Summary:

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

Comments:

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

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	Usage
GE01	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use
GE02	28	**Group Control Number**	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.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

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	Usage
IEA01	I16	**Number of Included Functional Groups**	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number**	M	N0	9/9	Must use

Appendix A

Sample Paper BOL

Your paper BOL is required to always include your BOL Number, Carrier Reference Number (PRO Number). It is also required that the paper bill of lading reference **ALL Purchase Orders** that are included in this shipment so we may tie back to invoice if there are any problems.

In turn your EDI Advance Shipment Notification must always reference the Bill of Lading Number and Pro Number as referenced below on the paper bill of lading and your ASN must provide details for all **ALL Purchase Orders** included on your shipment and in turn on the paper bill of lading.

Characteristics: Carrier Information lists total cartons per NMFC#
VICS Standard BOL: WWW.VICS.ORG For Complete VICS BOL Guideline Information

Date: 02/01/1999	BILL OF LADING	Page 1

SHIP FROM

Name: *ABC Company*

Address: *1000 ABC Drive*
City/State/Zip: *Any City, AB, 10000*
SID#:   FOB: ☐☐

Bill of Lading Number: _06141411234567890_

(402) 06141411234567890

SHIP TO

Name: *XYZ Company*   Location #:_0669_

Address: *9000 XYZ Drive*

City/State/Zip: *Some City, ZY 90000*

CID#:   FOB: ☐☐

CARRIER NAME: __LTL Transportation_____
Trailer number:

Seal number(s):

SCAC: *ABCD*

Pro number: *12345678901234567890*

(9012K) ABCD12345678901234567890

THIRD PARTY FREIGHT CHARGES BILL TO:

Name:
Address:
City/State/Zip:

Freight Charge Terms: *(freight charges are prepaid unless marked otherwise)*

Prepaid _____   Collect __X__   3rd Party _____

SPECIAL INSTRUCTIONS:

☐☐   Master Bill of Lading: with attached underlying Bills of Lading
(check box)

CUSTOMER ORDER INFORMATION

CUSTOMER ORDER NUMBER	# PKGS	WEIGHT	PALLET/SLIP		ADDITIONAL SHIPPER INFO
45012345698	*144 ctns*	*1152 lbs*	Y	N	
6805673	*15 ctns*	*45 lbs*	Y	N	
			Y	N	
			Y	N	
			Y	N	
			Y	N	
GRAND TOTAL	*159 ctns*	*1197 lbs*			

CARRIER INFORMATION

HANDLING UNIT		PACKAGE		WEIGHT	H.M. (X)	COMMODITY DESCRIPTION Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation with ordinary care. *See Section 2(e) of NMFC Item 360*	LTL ONLY	
QTY	TYPE	QTY	TYPE				NMFC #	CLASS
1	*plts*	48	*ctns*	384 lbs		*Sport Accessories*	154865 00	70
2	*plts*	96	*ctns*	768 lbs		*Video, Tape Recording*	168955 03	92.5
15	*ctns*	15	*ctns*	45 lbs		*Recordings, Sound, Disc, Tape*	168945 01	100
18		159		1197 lbs		GRAND TOTAL		

Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property as follows:
"The agreed or declared value of the property is specifically stated by the shipper to be not exceeding

_____ per _____.

COD Amount: $ _____

Fee Terms: Collect: ☐   **Prepaid:** ☐
Customer check acceptable: ☐

NOTE Liability Limitation for loss or damage in this shipment may be applicable. See 49 U.S.C. ▪▪ 14706(c)(1)(A) and (B).

RECEIVED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available to the shipper, on request. The shipper hereby certifies that he/she is familiar with all the terms and conditions of the NMFC Uniform Straight Bill of Lading, including those on the back thereof, and the said terms and conditions are hereby agreed to by the shipper and accepted for him/herself and his/her assigns.

The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____**Shipper Signature**

SHIPPER SIGNATURE / DATE
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the DOT.

Trailer Loaded:
☒ By Shipper
☐☐ By Driver

Freight Counted:
☒ By Shipper
☐☐ By Driver/pallets said to contain

☐☐ By Driver/Pieces

CARRIER SIGNATURE / PICKUP DATE
Carrier acknowledges receipt of packages and required placards. Carrier certifies emergency response information was made available and/or carrier has the DOT emergency response guidebook or equivalent documentation in the vehicle.
Property described above is received in good order, except as noted.

Appendix B

LP Receive With Amazon.com

Operational Requirements:
A. Shipping label should include the SSCC information and:
> (1) The words "SSCC Label"
> (2) Numeric SSCC (in case bar code doesn't scan)
> (3) Scannable SSCC Barcode that is UCC-128 compliant that is at least 14 pt font
> > (http://www.uc-council.org/reflib/00603/01/010403.html)
> (4) PO Number (preferably scannable)

SSCC codes must always be present at the carton level. If only pallet or trailer level SSCC codes are available, please contact Robin Stebbins (stebbins@amazon.com).

B. Placement of label
Label should be placed on the **side of the carton** 1 to 2" from the side or top edge. The label should not be placed over the carton seam or in a place where it can get obstructed by tape or another label. Clear tape creates "reflection," which causes the label to be unreadable.

The SSCC should not be placed on the top of the carton.

C. Reuse of the SSCC number:
SSCC codes must be unique and **not reused within 12 months** from the time it is shipped to Amazon.com

D. Stacking of pallets, when applicable
Build pallets with SSCC labels facing outwards and clearly visible, whenever possible without compromising stability and density of pallet, so receiver can scan the barcode without breaking down the pallet.

E. Item level defects must be within reasonable limits
> i. All products must have a valid and functional bar code
> ii. Products bar code must be linked to proper ASIN (Amazon Standard Identification Number)

F. Timing: ASNs must be received prior to the physical receipt of the product
> It is the supplier's responsibility to ensure that information is provided before the shipment arrives at any fulfillment center.

Certification of Vendors

Gold Certification
"Allows for one scan receive"

> (1) Must be on EDI with Amazon using 856s (see ASN details)
> (2) ASN Loading
> > a. SSCC barcodes must have a minimum of a 98% load rate, while code is being developed to process replacements (purpose codes) for a period of 3 weeks. Once code is complete, 99% load rate for 3 weeks will be required
> > b. Shipping label approved by Amazon.com
> > c. Package sent to FC with approved shipping label to validate that the barcode scans
> > d. Load rate calculation: (Total SSCC labels sent - No / bad SSCC label + SSCC not on file)/ (Total number of SSCC labels received + No/ bad SSCC label + SSCC not on file)

> (3) Test shipment: Vendor and Amazon will work together to audit a shipment to one of Amazon.com's FC. Audit will verify compliant shipping label, product defects, overage / shortages in order and within containers, "switcheroos" within containers and in order, damages, etc.
> > a. Inventory accuracy (overage, shortage) must be 99.4% Note that Amazon.com reserves the right to change this number at any time throughout the certification process
> > b. Product defect rate remain between 0 and 5% of units shipped.

(4) If accuracy level drops below required levels or SSCC load rate drops below 98% for more than 7 consecutive days, vendor will be suspended from license plate receive program and will be audited until performance is back to 98% for seven consecutive days.

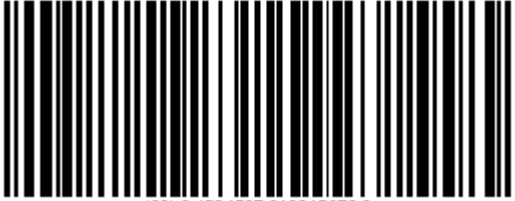**Platinum Certification:**
"Allows for one scan receive and stow"

Note: Certification levels will freeze during Q4
In addition to maintaining the gold level performance, vendor must also:
(1) Maintain a gold level certification for 3 months
(2) Inventory accuracy (container vs. ASN) must be 99.9%; vendor must maintain accuracy rate for 2 months prior to achieving Platinum status.

Vendors dropping below performance targets for more than 5 days out of a week will return to Gold Certification status and will restart the clock on Platinum certification.

UCC128 Label Specifications

SHIP FROM: HAPPY PUBLISHER, INC. 1234 BESTSELLER LANE PUBVILLE US 54321	SHIP TO:	FINAL STOP BOOKSTORE STORE # 9999 123 MAIN STREET ANYTOWN US 12345

‖‖‖‖‖‖‖‖‖‖‖‖
(420) 12345

Best Freight
PRO #: 123456789
B/L #: 65432

Purchase Order:	1234567890
Department #:	B-1234
Carton Quantity:	35

Invoice #:	987654321
Carton #:	1 of 10
Shipping Lane:	BF-03

SSCC-18

‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖‖
(00) 0 1234567 012345678 9

Other additions:
FULL CASE PACKS. Please include a scannable UPC either on the shipping label (with the quantity inside the box) or on the outside of the box.

MULTIPLE Pos PER BOX: Please list all Pos in box if not we require a carton packing slip inside the carton and a PO that reads MIXED SKUS. If you are an ASN vendor on LP Receive, if you meet accuracy standard we will relax this requirement.

PARTIAL CARTONS: If you are sending a carton with incomplete quantities, there must be a sticker on the outside of the box telling us it's a partial order.

MIXED SKUS: If you are approved to send boxes with Mixed SKUs, you must label the container with MIXED SKU label.

Placement of the label:
We prefer that the shipping label code is in the bottom right hand corner. If it must go on top (UPS or automated process), it must be offset so the label does not cover the seam (we lose valuable info this way resulting in potential misreceives.)

Appendix C

General Contact Information
EDI Hotline Number: 206-266-7188
EDI Fax Number: 206-266-7665
e-mail: ei-procurement@amazon.com

Technical Contacts Enterprise Integration Implementation:
Carolyn Waldow
Systems Integration Analyst
206-266-6817
carolyn@amazon.com

Miche'le Giannini
Systems Integration Analyst
206-266-2953
Giannini@amazon.com

Technical Contact Enterprise Integration Operations (post production):
Amazon.com EI-Operations Hotline: 206-266-6800
electronic-orders@amazon.com

Enterprise Integration Implementation Manager
Kyle Hurst
206-266-1576
khurst@amazon.com