Retail X12 Advance Shipment Notice

X12/V5010/856: Ship Notice

Version: 3.2 Final

Company:	Amazon
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856   Ship Notice/Manifest

Functional Group=SH

Not Defined:

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

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
LOOP ID - HL					**1**	**C2/0100L**	
0100	HL	Hierarchical Level - Shipment	M	1		C2/0100	Must use
1100	TD1	Carrier Details (Quantity and Weight)	M	20			Must use
1100	TD1	Carrier Details (Quantity and Weight)	C	20			Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12			Must use
LOOP ID - TD3					**12**		
1300	TD3	Carrier Details (Equipment)	O	1			Used
1500	REF	Bill of Lading	C	>1			Used
1500	REF	Pro Number/Tracking/Airbill Number	M	>1			Must use
1500	REF	Seal Number	C	>1			Used
1500	REF	Amazon Reference Number	C	>1			Used
2000	DTM	Shipped Date	M	10			Must use
2100	FOB	F.O.B. Related Instructions	O	1			Used
LOOP ID - N1					**200**		
2200	N1	Name	M	1			Must use
2400	N3	Party Location	O	2			Used
2500	N4	Geographic Location	M	1			Must use
LOOP ID - N1					**200**		
2200	N1	Name	M	1			Must use
LOOP ID - V1					**>1**		
3600	V1	Vessel Identification	O	1			Used
3700	R4	Port or Terminal	O	>1			Used
3800	DTM	Date/Time Reference	C	>1			Used
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level - Order	M	1		C2/0100	Must use
0500	PRF	Purchase Order Reference	M	1			Must use
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level - Tare (Pallet)	C	1		C2/0100	Dependent
1100	TD1	Carrier Details (Quantity and Weight)	O	20			Used
1900	MAN	Marks and Numbers Information	M	>1			Must use
LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level - Package	C	1		C2/0100	Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
1100	TD1	Carrier Details (Quantity and Weight)	C	20			Dependent
1500	REF	Tracking ID/Airbill Number	C	>1			Must use
1900	MAN	Marks and Numbers	C	>1			Dependent

LOOP ID - HL					**200000**	**C2/0100L**	
0100	HL	Hierarchical Level - Item	M	1		C2/0100	Must use
0200	LIN	Item Identification	M	1			Must use
0300	SN1	Item Detail (Shipment)	M	1			Must use
0800	MEA	Measurements	C	40			Dependent
2000	DTM	Date/Time Reference	C	10			Dependent

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	CTT	Transaction Totals	O	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

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

Notes:

Conditional Fields in the ASN depend on business requirements. These might differ per region you are operating. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

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:

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

Code   **Name**

01   Duns (Dun & Bradstreet)
02   SCAC (Standard Carrier Alpha Code)
03   FMC (Federal Maritime Commission)
04   IATA (International Air Transport Association)
07   Global Location Number (GLN)
08   UCC EDI Communications ID (Comm ID)
09   X.121 (CCITT)
11   DEA (Drug Enforcement Administration)
12   Phone (Telephone Companies)
14   Duns Plus Suffix
16   Duns Number With 4-Character Suffix
ZZ   Mutually Defined

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

Notes: *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

Notes:

This will be Amazon's EDI ID.

AMAZON for Amazon US,

AMAZONCA for Amazon Canada,

AMAZONMX for Amazon Mexico,

AMAZONBR for Amazon Brazil,

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		AMAZONSG for Amazon Singapore, *AMAZONAU for Australia.*				
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use
		Notes: *This field will be the date when the EDI message was created.*				
ISA10	I09	**Interchange Time**	M	TM	4/4	Must use
		Notes: *This field will be the time when the EDI message was created.*				
ISA11	I65	**Repetition Separator**	M	ID	1/1	Must use
		Description: The Repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	**Interchange Control Version Number**	M	ID	5/5	Must use
		Code **Name** 00501 Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003				
ISA13	I12	**Interchange Control Number**	M	N0	9/9	Must use
		Notes: *This field will contain a unique nine digit number representing this EDI transaction.*				
		Formatting Notes: *The data interchange control number ISA13 in this header must be identical to the same data element in the associated interchange trailer, IEA02.*				
ISA14	I13	**Acknowledgment Requested**	M	ID	1/1	Must use
		Code **Name** 0 No Interchange Acknowledgment Requested				
ISA15	I14	**Interchange Usage Indicator**	M	ID	1/1	Must use
		Code **Name** P Production Data T Data				
ISA16	I15	**Component Element Separator**	M		1/1	Must use
		Notes: *This field will contain the character used to designate the subelement separation.*				

Example:

ISA*00* *00* *ZZ*VENDOR *ZZ*AMAZON *140101*0200*^*00501*000013229*0*P*>

Segment Usage:

Only one ISA/IEA loop per data file allowed.

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:

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

Notes:

This field will be a code identifying the sender.

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

Notes:

This will be Amazon's EDI ID.

AMAZON for Amazon US,

AMAZONCA for Amazon Canada,

AMAZONMX for Amazon Mexico,

AMAZONBR for Amazon Brazil,

AMAZONSG for Amazon Singapore,

AMAZONAU for Australia.

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

Notes:

*This field will be the date when
the EDI message was created.*

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

Notes:

*This field will be the time when
the EDI message was created.*

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

Notes: *This field will contain a unique number
representing this GS-GE transaction.*

Formatting Notes:

*Group control number(GS06) in this header must be id
entical to the same data element in the associated fun
ctional group trailer, GE02.*

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage

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**

005010   Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003

Example:

GS*SH*VENDOR*AMAZON*20140101*0200*5517*X*005010

Segment Usage:

Only one GS/GE loop per data file allowed.

Code **Name**

X   Accredited Standards Committee X12

ST Transaction Set Header

Pos: 0100	**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:

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

Example:

ST*856*000007317

Segment Usage:

Multiple ST/SE loops are allowed in the same EDI file if they are for the same message type.

BSN Beginning Segment for Ship Notice

<table>
<tr><td>Pos: 0200</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 5</td></tr>
</table>

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

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

Description: Code identifying purpose of transaction set

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

Notes:

This field will be a unique ID which represents this ASN. Note that failure to use a unique ID for each shipment will result in ASN data being overwritten and charge backs for missing ASN data. Please only use the same ASN ID and BSN01 code "05" if you would like to replace the information provided via the earlier ASN message. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

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

Notes: *This field will list the date that the ASN information was created. The ASN creation date should be no earlier than one day before the ASN was sent or it should be the same day the ASN was sent.*

Formatting Notes: *Date expressed as CCYYMMDD*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN04	337	**Time**	M	TM	4/8	Must use

Notes:

This field will list the time when the ASN information was created. The format must be reported in hours, minutes and seconds. Local time must be converted to either Greenwich Mean Time or Universal Time Coordinates.

Formatting Notes: *Time expressed as HHMMSS*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BSN05	1005	**Hierarchical Structure Code**	O	ID	4/4	Used

Notes:

0001 - Pick and Pack Structure

Shipment, Order, Tare, Packaging,Item (Pallet - SOTPI)

Shipment, Order, Tare, Item (Single ASIN Pallet - SOTI)

Shipment, Order, Packaging, Item (Carton - SOPI)

Code	Name

Code **Name**

0001   Pick and Pack Structure
       Shipment, Order, Tare, Packaging,Item (Pallet)
       Shipment, Order, Packaging, Item (Carton)

Example:

BSN*00*0305140907*20140101*011111*0001

Loop Hierarchical Level -Shipment

Pos: 0100	Repeat: 1
	Mandatory
Loop: HL	**Elements: N/A**

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level - Shipment	M	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	M	20		Must use
1100	TD1	Carrier Details (Quantity and Weight)	C	20		Used
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	M	12		Must use
1300		Loop TD3	O		12	Used
1500	REF	Bill of Lading	C	>1		Used
1500	REF	Pro Number/Tracking/Airbill Number	M	>1		Must use
1500	REF	Seal Number	C	>1		Used
1500	REF	Amazon Reference Number	C	>1		Used
2000	DTM	Shipped Date	M	10		Must use
2100	FOB	F.O.B. Related Instructions	O	1		Used
2200		Loop N1	M		200	Must use
2200		Loop N1	M		200	Must use
3600		Loop V1	O		>1	Used

Segment Usage:

Per ASN only one Shipment HL Loop should be sent. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

HL   Hierarchical Level - Shipment

Pos: 0100	**Max: 1**
Detail - Mandatory	
Loop: HL	**Elements: 2**

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use

> **Notes:** *This will be a unique ID number which sequentially increases with each subsequent HL loop.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code **Name**

S   Shipment

Example:

HL*1**S

TD1   Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Mandatory	
Loop: HL	Elements: 9

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify the transportation details relative to commodity, weight, and quantity

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

Notes:
This field will be the total number of cartons making up a shipment.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD104	22	**Commodity Code**	O	AN	1/30	Used

Notes:
Code describing a commodity or group of commodities .

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

Notes: *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.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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**	X	R	1/10	Dependent

Notes: *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**	X	ID	2/2	Dependent

Code   **Name**
GR   Gram
KG   Kilogram
LB   Pound
OZ   Ounce - Av

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD109	183	**Volume**	X	R	1/8	Dependent
TD110	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Dependent

Code   **Name**
CF   Cubic Feet
CI   Cubic Inches
CR   Cubic Meter
CY   Cubic Yard

Example:

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

Segment Usage:

Carton count is mandatory information in the ASN for all shipments. Carton count is the total number of shipping packages(not including tares/ pall ets) making up the shipment. The carton count needs to match the number of physical cartons contained in the shipment. For TL/LT shipments, carton count must be equal to the number of cartons specified under pallet/tare level. For small parcel shipments, carton count must be equal to the number of packages included in the shipment.

TD1   Carrier Details (Quantity and Weight)

Pos: 1100	**Max: 20**
Detail - Conditional	
Loop: HL	**Elements: 2**

Loop Path: HL

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

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

Code	Name
PLT	Pallet

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

Notes:

This field will be the total number of pallets making up the shipment.

Example:

TD1*PLT*6

Segment Usage:

Pallet count is the total number of pallets making up a shipment. This segment is required if pallets are being sent.

In case of multiple POs being sent in the same ASN, pallets are counted based on unique pallet LP labels in the shipment. (If same pallet LP label is used in 2 different POs under the same ASN it will be counted as one.)

TD5   Carrier Details (Routing Sequence/Transit Time)

Loop Path: HL

User Option (Usage): Must use

Purpose: To specify the carrier and sequence of routing and provide transit time information

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)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD503	67	**Identification Code**	M	AN	2/80	Must use

Notes:

The Standard Carrier Alpha Code (SCAC) is a unique code used to identify the carrier. A comprehensive list is published and maintained by NMFTA (National Motor Freight Association).

Formatting Notes: *AAAA*

Example:

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

Segment Usage:

SCAC is dependent on business requirements. These might differ per region you are operating in thus please refer to help page available in Vendor Central under Support > Help > Shipping > Required Shipping Information > Carrier Tracking number.

Loop Carrier Details (Equipment)

Pos: 1300	**Repeat: 12**
	Optional
Loop: TD3	**Elements: N/A**

Loop Path: HL
User Option (Usage): Used
Purpose: To specify transportation details relating to the equipment used by the carrier

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1300	TD3	Carrier Details (Equipment)	O	1		Used

Notes:

This segment is only used for import ASNs. Not used for domestic messaging.

TD3 Carrier Details (Equipment)

Pos: 1300   **Max: 1**
Detail - Optional
Loop: TD3   **Elements: 4**

Loop Path: HL-TD3
User Option (Usage): Used
Purpose: To specify transportation details relating to the equipment used by the carrier

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD301	40	**Equipment Description Code**	X	ID	2/2	Used
		All valid standard codes are used.				
TD304	187	**Weight Qualifier**	C	ID	1/2	Must use

Code   **Name**
B   Billed Weight

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD305	81	**Weight**	X	R	1/10	Used
TD306	355	**Unit or Basis for Measurement Code**	X	ID	2/2	Used

Example:

*TD3*TL***B*5834.54*KG*

Segment Usage:

This is only used for import ASNs. Not for usage within domestic messaging.

REF Bill of Lading

Pos: 1500	Max: >1
Detail - Conditional	
Loop: HL	Elements: 2

Loop Path: HL
User Option (Usage): Used
Purpose: To specify identifying information

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	1/50	Must use

Notes:

The Bill of Lading in the ASN depends on business re quirements. These might differ per region you are ope rating in. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

Example:

REF*BM*600305100059

Segment Usage:

*Bill of Lading is required for TL/ LTL shipments. Bill of Lading identification needs to be provided via the REF*BM segment.*

REF Pro Number/Tracking/Airbill Number

Pos: 1500	Max: >1
Detail - Mandatory	
Loop: HL	Elements: 2

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify identifying information

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

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	Must use

Notes:

The ASN PRO must be unique for a shipment and can't be repeated within the last 90 days.The Air/PRO/Trackingnumber in the ASN depends on business requirements. These might differ per region you are operating in. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

Example:

REF*CN*009447616 (example of valid PRO Number from trucking company)

REF*CN*1ZE1628E0340236740 (example of valid tracking number from small parcel carrier)

Segment Usage:

The Shipment level REF*CN segment with Air/PRO/TrackingNumber is required for all LTL, TL, and small parcel shipments.

For multi carton small parcel shipments (carton count > 1), a unique Air/PRO/TrackingNumber is required for each carton at the Package level.

For single carton small parcel shipments (carton count = 1), the Air/PRO/TrackingNumber is not required at the Package level if it's present at the Shipment level.

REF Seal Number

Loop Path: HL
User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

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

Code	Name
SN	Seal Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	Must use

Notes: *This field will be the container's seal number.*

Example:

*REF*SN*SEAL123*

Segment Usage:

*Amazon requires seal number to be included (for TL shipments) through REF*SN segment if the shipment contains a seal number.*

REF Amazon Reference Number

<table>
<tr><td>Pos: 1500</td><td>Max: >1</td></tr>
<tr><td colspan="2" align="center">Detail - Conditional</td></tr>
<tr><td>Loop: HL</td><td>Elements: 2</td></tr>
</table>

Loop Path: HL
User Option (Usage): Used
Purpose: To specify identifying information

Element Summary:

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

Code	Name
BX	Buyer's Shipment Mark Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	Must use

Notes:

This field contains the Amazon Reference Number (A RN) associated with a Routing Request. The segment is only required if the ARN was provided by Amazon via the BGN06 element in the corresponding Routing Instructions (EDI X12 754), via the Routing Request feature in Vendor Central, or via a Routing Instructions email.

Example:

REF*BX*2860010031

Segment Usage:

Amazon Reference Number in the ASN depends on business requirements. These might differ per region you are operating in. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

DTM Shipped Date

Pos: 2000	**Max: 10**
Detail - Mandatory	
Loop: HL	**Elements: 4**

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify pertinent dates and times

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
017	Estimated Delivery

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

Notes: *This field lists the date/time that the shipment departed from your warehouse location.*

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

Example:

Shipped Date:
DTM*011*20140205*0915*GM

Estimated Delivery Date:
DTM*017*20140210*0915*GM

Segment Usage:

Shipped Date and Estimated Delivery Dates are mandatory information in the ASN message.

DTM04 Time Code has to correspond with all DTM segments in the ASN. Different Time Codes are not allowed. If any of DTM03 or DTM04 are present then both are required.

FOB F.O.B. Related Instructions

Pos: 2100   **Max: 1**
Detail - Optional
Loop: HL   **Elements: 1**

Loop Path: HL
User Option (Usage): Used
Purpose: To specify transportation instructions relating to shipment

Element Summary:

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

All valid standard codes are used.

Example:

FOB*CC
FOB*PP

Segment Usage:

FOB01 indicates which party will pay the carrier.

Loop Ship From

Pos: 2200	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

Loop Path: HL
User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Name	M	1		Must use
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	M	1		Must use

Notes:

Segment identifies the party from where the shipment will be shipped.

N1 **Name**

Loop Path: HL-N1
User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

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	Not 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)
92   Assigned by Buyer or Buyer's Agent
UL   Global Location Number (GLN)
ZZ   Mutually Defined

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

Notes:

This field will contain the unique ID/code representing the vendor's or 3PL's warehouse from where this ship ment originated. Unless otherwise notified, the vendor or 3PL can choose which ID/code to use to identify the ir warehouse.

Example:

*N1*SF*SUPPLIER*15*1234567*
*N1*SF*SUPPLIER*92*AmazonVendorCode*

N3 Party Location

<table>
<tr><td>Pos: 2400</td><td>Max: 2</td></tr>
<tr><td colspan="2">Detail - Optional</td></tr>
<tr><td>Loop: N1</td><td>Elements: 2</td></tr>
</table>

Loop Path: HL-N1
User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information**	M	AN	1/55	Used
N302	166	**Address Information**	O	AN	1/55	Used

Example:

N3*1010 Church St*Building 2

N4 **Geographic Location**

Pos: 2500	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

Loop Path: HL-N1
User Option (Usage): Must use
Purpose: To specify the geographic place of the named party

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**	O	ID	2/2	Recommended
N403	116	**Postal Code**	M	ID	3/15	Must use
N404	26	**Country Code**	M	ID	2/3	Must use

Formatting Notes:

Amazon is expecting the country to be provided in ISO 3166-1 alpha-2 code(2 digits).

Example:

N4*NASHVILLE*TN*37214*US
N4*TORONTO**36573594*CA
N4*SWANSEA**SA1 8QX*GB

Loop Ship To

Pos: 2200	**Repeat: 200**
Mandatory	
Loop: N1	**Elements: N/A**

Loop Path: HL
User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
2200	N1	Name	M	1		Must use

Notes:

Segment identifies the location where the shipment will be delivered. Ship to location needs to be the same as provided in the purchase order included in this shipment.

N1 **Name**

Loop Path: HL-N1
User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

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	Not used
N103	66	**Identification Code Qualifier**	M	ID	1/2	Must use

Code **Name**
15   Standard Address Number (SAN)
92   Assigned by Buyer or Buyer's Agent
UL   Global Location Number (GLN)

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

Notes:

This field will be a unique ID representing the Amazon FC where this shipment will be delivered. This should match the value which was transmitted through the A mazon purchase order.

Formatting Notes:

Please see the list of Amazon Ship-To locations and th eir corresponding FC codes and SAN's in Vendor Central under Support > Help > Automation at Amazon > EDI Resources > NA Fulfillment Center List

Example:

```
N1*ST**92*RNO1
N1*ST**15*1566008
N1*ST**UL*5450534000116
```

Segment Usage:

The ship-to code needs to match the code used in the corresponding purchase order(EDI 850).

Loop Vessel Identification

Pos: 3600	Repeat: >1
	Optional
Loop: V1	Elements: N/A

Loop Path: HL
User Option (Usage): Used
Purpose: To provide vessel details and voyage number

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
3600	V1	Vessel Identification	O	1		Used
3700	R4	Port or Terminal	O	>1		Used
3800	DTM	Date/Time Reference	C	>1		Used

Notes:

This segment is only used for import ASNs. Not used for domestic messaging.

V1 **Vessel Identification**

Pos: 3600   **Max: 1**

Detail - Optional

Loop: V1   **Elements: 9**

Loop Path: HL-V1
User Option (Usage): Used
Purpose: To provide vessel details and voyage number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
V101	597	**Vessel Code**	X	ID	1/8	Used
V102	182	**Vessel Name**	X	AN	2/28	Used
V103	26	**Country Code**	O	ID	2/3	Used
V104	55	**Flight/Voyage Number**	O	AN	2/10	Used
V105	140	**Standard Carrier Alpha Code**	O	ID	2/4	Used
V106	249	**Vessel Requirement Code**	O	ID	1/1	Used
		All valid standard codes are used.				
V107	854	**Vessel Type Code**	O	ID	2/2	Used
		All valid standard codes are used.				
V108	897	**Vessel Code Qualifier**	O	ID	1/1	Used
		All valid standard codes are used.				
V109	91	**Transportation Method/Type Code**	O	ID	1/2	Used
		All valid standard codes are used.				

Example:

V1*9349617*ITAL MILIONE*US*0370-008E*EGLV****O

Segment Usage:

This is only used for import ASNs. Not used for domestic messaging.

R4 Port or Terminal

Pos: 3700　　　　　**Max: >1**

Detail - Optional

Loop: V1　　　　**Elements: 8**

Loop Path: HL-V1

User Option (Usage): Used

Purpose: Contractual or operational port or point relevant to the movement of the cargo

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R401	115	**Port or Terminal Function Code**	M	ID	1/1	Must use

Code	Name
D	Port of Discharge (Operational)
F	Freight Payable At (Contractual)
L	Port of Loading (Operational)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R402	309	**Location Qualifier**	X	ID	1/2	Used

Code	Name
UN	United Nations Location Code (UNLOCODE)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
R403	310	**Location Identifier**	X	AN	1/30	Used
R404	114	**Port Name**	O	AN	2/24	Used
R405	26	**Country Code**	O	ID	2/3	Used
R406	174	**Terminal Name**	O	AN	2/30	Used
R407	113	**Pier Number**	O	AN	1/4	Used
R408	156	**State or Province Code**	O	ID	2/2	Used

Example:

R4*D*UN*USTIW**CN

Segment Usage:

This is only used for import ASNs. Not used for domestic messaging.

DTM **Date/Time Reference**

Pos: 3800   **Max: >1**
Detail - Conditional
Loop: V1   **Elements: 4**

Loop Path: HL-V1
User Option (Usage): Used
Purpose: To specify pertinent dates and times

Element Summary:

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

Code	Name
AAA	Arrival in Country
DFS	Departure From Specification

Ref	Id	Element Name	Req	Type	Min/Max	Usage
DTM02	373	**Date**	X	DT	8/8	Used
DTM03	337	**Time**	X	TM	4/8	Used
DTM04	623	**Time Code**	O	ID	2/2	Used

All valid standard codes are used.

Segment Usage:

This is only used for import ASNs. Not used for domestic messaging.

Loop Hierarchical Level - Order

Pos: 0100	**Repeat: 200000**
Mandatory	
Loop: HL	**Elements: N/A**

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level - Order	M	1		Must use
0500	PRF	Purchase Order Reference	M	1		Must use

Segment Usage:

Per ASN multiple Order HL loops can be sent. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

HL Hierarchical Level - Order

<table>
<tr><td>Pos: 0100</td><td>Max: 1</td></tr>
<tr><td colspan="2" align="center">Detail - Mandatory</td></tr>
<tr><td>Loop: HL</td><td>Elements: 3</td></tr>
</table>

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use

Notes: *This will be a unique ID number which sequentially increase with each subsequent HL loop.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL02	734	**Hierarchical Parent ID Number**	M	AN	1/12	Must use

Notes:

This field will be the HL01 element for the HL loop that this loop belongs to. For ASN's without the Pallet or T are level -SOPI

Shipments => Orders
Orders => Packages
Packages => Items
*HL*1**S*

...
*HL*2*1*O*

...
*HL*3*2*P*

...
*HL*4*3* I*

...
*HL*5*2*P*

...
*HL*6*5*I*

...
*HL*7*1*O*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
O	Order

Example:

*HL*2*1*O*

PRF   Purchase Order Reference

Pos: 0500	**Max: 1**
Detail - Mandatory	
Loop: HL	**Elements: 1**

Loop Path: HL
User Option (Usage): Must use
Purpose: To provide reference to a specific purchase order

Element Summary:

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

Notes:

This field will contain the Amazon purchase order number. It will be supplied for all Amazon purchase order numbers relevant to each shipment and that shipment's paper bill of lading(BOL).

Example:

PRF*S3993317

Segment Usage:

This is the Amazon Purchase Order number you received via EDI 850 or Vendor Central PO Managment Application.

Loop Hierarchical Level - Tare (Pallet)

Pos: 0100	Repeat: 200000
Conditional	
Loop: HL	Elements: N/A

User Option (Usage): Dependent

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level - Tare (Pallet)	C	1		Dependent
1100	TD1	Carrier Details (Quantity and Weight)	O	20		Used
1900	MAN	Marks and Numbers Information	M	>1		Must use

Segment Usage:

*When providing the Tare(Pallet) level information, Amazon requires the SSCC code to be sent on the Tare(Pallet)
level and prefers SSCC also at the Pack level. If the vendor provides Tare(Pallet) level information with SSCC and Pack   Please refer to
level with/without SSCC Amazon will treat the Pack level as Cartons, even if the vendor does not declare the TD1 on Pack level.
the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.*

HL Hierarchical Level - Tare (Pallet)

Pos: 0100	Max: 1
Detail - Conditional	
Loop: HL	Elements: 3

Loop Path: HL

User Option (Usage): Dependent

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use

> **Notes:** *This will be a unique ID number which sequentially increases with each subsequent HL loop.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL02	734	**Hierarchical Parent ID Number**	M	AN	1/12	Used

> **Notes:**
>
> *This field will be the HL01 element for the HL loop that this loop belongs to. A Palletized assortment comprises of below hierarchies*
>
> *Shipment(S) >> Order(O) >> Pallet(HL*T) >> Packing Leve(HL*P) >> Items (HL*I) - (* **SOTPI** *)*
>
> *Shipment(S) >> Order(O) >> (HL*T) >> (HL*I) - (* **SOTI** *)*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code	Name
T	Shipping Tare

Example:

HL*3*2*T

TD1   Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Optional	
Loop: HL	**Elements: 10**

Loop Path: HL

User Option (Usage): Used

Purpose: To specify the transportation details relative to commodity, weight, and quantity

Element Summary:

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

Description: Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required

Code   Name

CTN   Carton

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

Description: This field is the total number of cartons making up a pallet.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD103	23	**Commodity Code Qualifier**	O	ID	1/1	Used

Description: Code identifying the commodity coding system used for Commodity Code
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD104	22	**Commodity Code**	O	AN	1/30	Used

Description: Code describing a commodity or group of commodities

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

Description: Description of an item as required for rating and billing purposes

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD106	187	**Weight Qualifier**	O	ID	1/2	Used

Description: Code defining the type of weight
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD107	81	**Weight**	O	R	1/10	Used

Description: Numeric value of weight

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

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD109	183	**Volume**	O	R	1/8	Used

Description: Value of volumetric measure

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD110	355	**Unit or Basis for Measurement Code**	O	ID	2/2	Used

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
All valid standard codes are used.

Example:

TD1*CTN*100~

Segment Usage:

The number of cartons (CTN) mentioned in the TD102 element refers to the count of shipping cartons/packages in the pallet (not the packaged items inside the cartons). While the TD1 segment is optional , We highly recommend sending it if you have the capability to provide this information.

MAN Marks and Numbers Information

Pos: 1900	Max: >1
Detail - Mandatory	
Loop: HL	Elements: 2

Loop Path: HL

User Option (Usage): Must use

Purpose: To indicate identifying marks and numbers for shipping containers

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	EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

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

Notes:

Detailed explanation of each label type supported by Amazon has been provided in "North American Vendor shipment guidelines" available in Vendor Central under Help > Shipping > Vendor Manual.

Example:

MAN*GM*00000388080758591512

Segment Usage:

This segment is required when sending pallets in the shipment and including the tare loop.The label must be to GS1 standard, unique per pallet and not reused within 1 year of last use.

Reference the North America Vendor Manual for labeling questions and format.

Loop Hierarchical Level - Package

Pos: 0100	**Repeat: 200000**
Conditional	
Loop: HL	**Elements: N/A**

User Option (Usage): Dependent

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	HL	Hierarchical Level - Package	C	1		Used
1100	TD1	Carrier Details (Quantity and Weight)	C	20		Dependent
1500	REF	Tracking ID/Airbill Number	C	>1		Must use
1900	MAN	Marks and Numbers	C	>1		Dependent

Segment Usage:

Per ASN multiple Package HL   loops can be sent. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

HL Hierarchical Level - Package

Loop Path: HL

User Option (Usage): Used

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use

> **Notes:** *This will be a unique ID number which sequentially increases with each subsequent HL loop.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL02	734	**Hierarchical Parent ID Number**	M	AN	1/12	Must use

> **Notes:**
>
> *This field will be the HL01 element for the HL loop that this loop belongs to. For ASN's without the Pallet or T are level -* **SOPI**
> *Shipments => Orders*
> *Orders => Packages*
> *Packages => Items*
> *HL*1**S*
>
> *...*
> *HL*2*1*O*
>
> *...*
> *HL*3*2*P*
>
> *...*
> *HL*4*3*I*
>
> *...*
> *HL*5*2*P*
>
> *...*
> *For Pallet or Tare level ASN -***SOTPI**
> *Shipments => Orders*
> *Orders => Tares(Pallets)*
> *Tares(Pallets) => Packages*
> *Packages => Items*
> *HL*1**S*
>
> *...*
> *HL*2*1*O*
>
> *...*
> *HL*3*2*T (first tare)*
>
> *..*
> *HL*4*3*P*
>
> *...*
> *HL*5*4*I*
>
> *...*
> *HL*6*2*T (second tare)*
>
> *...*
> *HL*7*6*P*
>
> *..*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code **Name**

P   Pack

Example:

HL*3*2*P

Segment Usage:

This is applicable only for shipments with loose assortments(SOPI) and palletized assortments(SOTPI).

TD1 Carrier Details (Quantity and Weight)

Pos: 1100	Max: 20
Detail - Conditional	
Loop: HL	Elements: 8

Loop Path: HL

User Option (Usage): Dependent

Purpose: To specify the transportation details relative to commodity, weight, and quantity

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	Used
TD103	23	**Commodity Code Qualifier**	O	ID	1/1	Used

All valid standard codes are used.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TD104	22	**Commodity Code**	O	AN	1/30	Used
TD105	79	**Lading Description**	O	AN	1/50	Used
TD106	187	**Weight Qualifier**	M	ID	1/2	Used

Code	Name
G	Gross Weight

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

Code	Name
GR	Gram
KG	Kilogram
LB	Pound
OZ	Ounce - Av

Example:

TD1*CTN*1****G*2.5*LB

Segment Usage:

This segment should be used if you send the MAN segment and can provide package level weight details. If the vendor provides Tare level information with SSCC and Pack
level with/without SSCC, Amazon will treat the Pack level as Cartons, even if the vendor does not declare the TD1 on Pack level.

REF **Tracking ID/Airbill Number**

Pos: 1500   **Max: >1**
Detail - Conditional
Loop: HL   **Elements: 2**

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify identifying information

Element Summary:

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

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

=> carrier tracking number for small parcel carriers

=> carrier airbill number for air freight.

Code	Name
CN	Carrier's Tracking/Airbill Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF02	127	**Reference Identification**	M	AN	1/50	Must use

Example:

*REF*CN*1ZE1628E0340236740*

Segment Usage:

For multi carton small parcel shipments, it is required to provide the carrier tracking number per package.The tracking number needs to be unique per package and can't be reused from previous ASN's.

For single carton small parcel shipments(carton count = 1), the Air/PRO/TrackingNumber is not required at the Package level if it's present at the Shipment level.

MAN   Marks and Numbers

Loop Path: HL

User Option (Usage): Dependent

Purpose: To indicate identifying marks and numbers for shipping containers

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   EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier

UC   GTIN (Global Trade Item Number) 14

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

Notes:

Detailed explanation of each label type supported by Amazon has been provided in "North American Vendor shipment guidelines" available in Vendor Central under Help > Shipping > Vendor Manual.

Example:

Carton with SSCC LP Label: MAN*GM*00001234567891234567~

Carton with GTIN: MAN*UC*01234567891234~

Segment Usage:

For Small parcel shipments, this segment is required. Small parcel cartons can only have LP SSCC labels. The label must be to GS1 standard, unique per package and not reused within 1 year of last use.

For FTL/LTL shipments:

. *If the vendor is using SSCC Labels on their cartons, the SSCC for the carton must be listed at the package level in the MAN*GM segment.*

. *If the vendor is using an approved non-LP label GTIN, they have the option to list the GTIN14 at the MAN segment with the code "UC". The GTIN is optional to list on the ASN.*

  Note, if the GTIN is listed within the ASN, the Amazon Catalog and the GTIN Gold List. must be updated with the GTIN and associated ASIN.

Reference the North America Vendor Manual for labeling questions.

Reference the sample files and Retail X12 ASN File Structure Guidance file for further examples.

For catalog questions, reference Vendor Central > Help > Product Management

Loop Hierarchical Level - Item

Pos: 0100	**Repeat: 200000**
Mandatory	
Loop: HL	**Elements: N/A**

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

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>
0100	HL	Hierarchical Level - Item	M	1		Must use
0200	LIN	Item Identification	M	1		Must use
0300	SN1	Item Detail (Shipment)	M	1		Must use
0800	MEA	Measurements	C	40		Dependent
2000	DTM	Date/Time Reference	C	10		Dependent

Segment Usage:

Per ASN multiple Item HL loops can be included. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

HL   Hierarchical Level - Item

Loop Path: HL

User Option (Usage): Must use

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL01	628	**Hierarchical ID Number**	M	AN	1/12	Must use

Notes: *This will be a unique ID number which sequentially increase with each subsequent HL loop.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL02	734	**Hierarchical Parent ID Number**	M	AN	1/12	Must use

Notes:

This field will be the HL01 element for the HL loop that this loop belongs to. For ASN's without the Pallet or Tare level - **SOPI**

Shipments => Orders
Orders => Packages
Packages => Items
*HL*1**S*

...
*HL*2*1*O*

...
*HL*3*2*P*

...
*HL*4*3*I*

...
*HL*5*2*P*

...
*HL*6*5*I*

For Pallet or Tare level ASN - **SOTPI**
Shipments => Orders
Orders => Tares(Pallets)
Tares(Pallets) => Packages
Packages => Items
*HL*1**S*

...
*HL*2*1*O*

...
*HL*3*2*T .*

..
*HL*4*3*P*

...
*HL*5*4*I*

...
*HL*6*2*T*

...
*HL*7*6*P*

...
*HL*8*7*I*

...

Ref	Id	Element Name	Req	Type	Min/Max	Usage

HL*9*7*I

For single ASIN Pallet or Tare level ASN - **SOTI**
 Shipments => Orders
 Orders => Tares(Pallets)
 Tares(Pallets) => Items
HL*1**S
...
HL*2*1*O
...
 HL*3*2*T
...
HL*4*3*I
...
HL*5*2*T
...
HL*6*5*I

Ref	Id	Element Name	Req	Type	Min/Max	Usage
HL03	735	**Hierarchical Level Code**	M	ID	1/2	Must use

Code **Name**
I   Item

Example:

HL*4*3*I

LIN Item Identification

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify basic item identification data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN01	350	**Assigned Identification**	M	AN	1/20	Must use

Notes:

This will be a unique line number representing this item. Line number should match with the corresponding line number sent in purchase order for the item.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN02	235	**Product/Service ID Qualifier**	M	ID	2/2	Must use

Code Name
BP   Buyer's Part Number
EN   EAN/UCC - 13
IB   International Standard Book Number (ISBN)
SR   Substitute Product Number
UA   U.P.C./EAN Case Code (2-5-5)
UK   GTIN 14-digit Data Structure
UP   UCC - 12
VN   Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN03	234	**Product/Service ID**	M	AN	1/48	Must use

Notes: *The value in this field needs to match the product ID supplied by Amazon when the order was placed either via EDI or Vendor Central.*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN04	235	**Product/Service ID Qualifier**	C	ID	2/2	Dependent

Code Name
LT   Lot Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN05	234	**Product/Service ID**	C	AN	1/48	Dependent

Notes:

The value in this field will be the Lot Number in GS-128 code format.

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN06	235	**Product/Service ID Qualifier**	O	ID	2/2	Used

Code Name
CH   Country of Origin Code

Ref	Id	Element Name	Req	Type	Min/Max	Usage
LIN07	234	**Product/Service ID**	O	AN	1/48	Used

Notes: *The value in this field will be the country of origin for the line item.*

Formatting Notes: *ISO 3166-1 alpha-2 country code format*

Notes:

This segment is used to list the item that is being shipped and related information.

Note, if the GTIN is listed within the ASN, the Amazon Catalog and the GTIN Gold List. must be updated with the GTIN and associated ASIN.

Reference the North America Vendor Manual for labeling questions.
For catalog questions, reference Vendor Central > Help > Product Management

Example:

*LIN*1*EN*4260333470017*LT*23141345*CH*MX*

SN1 Item Detail (Shipment)

Pos: 0300   Max: 1
Detail - Mandatory
Loop: HL   Elements: 3

Loop Path: HL
User Option (Usage): Must use
Purpose: To specify line-item detail relative to shipment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SN101	350	**Assigned Identification**	O	AN	1/20	Used
		Notes: *This element should contain the same number as the corresponding LIN01.*				
SN102	382	**Number of Units Shipped**	M	R	1/10	Must use
		Notes: *This field will be the number of units shipped for this item related to the package in this order.*				
SN103	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use
		Notes: *The same unit of measurement should be used as was provided via the Amazon purchase order.*				

Code Name
CA   Case
EA   Each

Example:

SN1**1*EA

MEA Measurements

Loop Path: HL

User Option (Usage): Dependent

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MEA01	737	**Measurement Reference ID Code**	M	ID	2/2	Must use

Description: Code identifying the broad category to which a measurement applies

Code **Name**
SF   Shelf Life

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MEA02	738	**Measurement Qualifier**	M	ID	1/3	Must use

Description: Code identifying a specific product or process characteristic to which a measurement applies

Code **Name**
SHA   Shelf Life

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MEA03	739	**Measurement Value**	M	R	1/20	Must use

Description: The value of the measurement

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MEA04	C001	**Composite Unit of Measure**	M	Comp		Must use

Description: To identify a composite unit of measure (See Figures Appendix for examples of use)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
MEA04-01	355	**Unit or Basis for Measurement Code**	M	ID	2/2	Must use

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Code **Name**
DA   Days
MO   Months

Example:

*MEA*SF*SHA*12*MO - Item has a shelf life of 12 months*
*MEA*SF*SHA*10*DA - Item has a shelf life of 10 days*

Segment Usage:

*This segment provides the shelf life of a perishable item with manufacture date. This segment is required if providing manufacture date via the associated DTM*094 segement.*

Note that the requirement to provide either expiration or manufacture date for perishable items depends on the item category. If you are unclear which date type is required for your items, please reach out to your Amazon business representative.

DTM   Date/Time Reference

Pos: 2000	**Max: 10**
Detail - Conditional	
Loop: HL	**Elements: 2**

Loop Path: HL
User Option (Usage): Dependent
Purpose: To specify pertinent dates and times

Element Summary:

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

Code	Name
036	Expiration
094	Manufacture

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

Example:

DTM*036*20140725 - Expiration date
DTM*094*20140815 - Manufacture date

Segment Usage:

Perishable items require either expiration date or manufacture date. The required date type is dependent on the item category. If you are unclear which date type is needed for your items, please reach out to your Amazon business representative.

If manufacture date is used, the shelf life must be provided via the associated MEA segment.

CTT **Transaction Totals**

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

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

Example:

CTT*537*2426

SE   Transaction Set Trailer

Pos: 0200	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:

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

Example:

SE*14*000007317

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:

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

Example:

GE*1*5517

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:

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

Example:

IEA*1*000013229