



# **Retail X12 Advance Shipment Notice**

**X12/V5010/856: Ship Notice**

**Version: 3.2 Final**

<b>Company:</b>	<b>Amazon</b>
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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
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

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - HL</u>					<u>200000</u>	<u>C2/0100L</u>	
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:

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

Not Defined:

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

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.

**Version 2.0**

Added changes in the (Loop Hierarchical Level - Package) being changed to conditional to support new hierarchy (SOTI)

# ISA Interchange Control Header

Pos:Max: 1

Not Defined - Mandatory

Loop: N/AElements: 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
<div><div>Code</div><div>Name</div></div> <div>00No Authorization Information Present (No Meaningful Information in I02)</div>						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
<div><div>Code</div><div>Name</div></div> <div>00No Security Information Present (No Meaningful Information in I04)</div>						
ISA04	I04	Security Information	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
<div><div>Code</div><div>Name</div></div> <div>01Duns (Dun &amp; Bradstreet)</div> <div>02SCAC (Standard Carrier Alpha Code)</div> <div>03FMC (Federal Maritime Commission)</div> <div>04IATA (International Air Transport Association)</div> <div>07Global Location Number (GLN)</div> <div>08UCC EDI Communications ID (Comm ID)</div> <div>09X.121 (CCITT)</div> <div>11DEA (Drug Enforcement Administration)</div> <div>12Phone (Telephone Companies)</div> <div>14Duns Plus Suffix</div> <div>16Duns Number With 4-Character Suffix</div> <div>ZZMutually Defined</div>						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
<div>Notes: This field will contain the unique sender ID which represents the message creator.</div>						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
<div><div>Code</div><div>Name</div></div> <div>ZZMutually Defined</div>						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
<div>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.</div>						
ISA09	I08	Interchange Date	M	DT	6/6	Must use
<div>Notes: This field will be the date when the EDI message was</div>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>created.</i>				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Notes:</b> <i>This field will be the time when the EDI message was created.</i>				
ISA11	I65	<b>Repetition Separator</b>	M	ID	1/1	Must use
		<b>Description:</b> 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	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Code</b> <b>Name</b> 00501   Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Notes:</b> <i>This field will contain a unique nine digit number representing this EDI transaction.</i>				
		<b>Formatting Notes:</b> <i>The data interchange control number ISA13 in this header must be identical to the same data element in the associated interchange trailer, IEA02.</i>				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Code</b> <b>Name</b> 0   No Interchange Acknowledgment Requested				
ISA15	I14	<b>Interchange Usage Indicator</b>	M	ID	1/1	Must use
		<b>Code</b> <b>Name</b> P   Production Data T   Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Notes:</b> <i>This field will contain the character used to designate the subelement separation.</i>				

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/AElements: 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
		<div>CodeName</div> <div>SHShip Notice/Manifest (856)</div>				
GS02	142	Application Sender's Code	M	AN	2/15	Must use
		<div>Notes:</div> <div>This field will be a code identifying the sender.</div>				
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
		<div>Notes:</div> <div>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.</div>				
GS04	373	Date	M	DT	8/8	Must use
		<div>Notes:</div> <div>This field will be the date when the EDI message was created.</div>				
GS05	337	Time	M	TM	4/8	Must use
		<div>Notes:</div> <div>This field will be the time when the EDI message was created.</div>				
GS06	28	Group Control Number	M	N0	1/9	Must use
		<div>Notes: This field will contain a unique number representing this GS-GE transaction.</div> <div>Formatting Notes:</div> <div>Group control number(GS06) in this header must be identical to the same data element in the associated functional group trailer, GE02.</div>				
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
		<div>CodeName</div> <div>XAccredited Standards Committee X12</div>				
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
		<div>CodeName</div> <div>005010Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003</div>				

Example:

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

Segment Usage:

Only one GS/GE loop per data file allowed.



# 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
		<u>Code</u> <u>Name</u>				
		856 Ship Notice/Manifest				
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

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
BSN01	353	<b>Transaction Set Purpose Code</b>  <b>Description:</b> Code identifying purpose of transaction set  <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00</td><td>Original</td></tr><tr><td>05</td><td>Replace</td></tr></table>	<u>Code</u>	<u>Name</u>	00	Original	05	Replace	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>											
00	Original											
05	Replace											
BSN02	396	<b>Shipment Identification</b>  <b>Notes:</b> <i>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 chargebacks 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.</i>	M	AN	2/30	Must use						
BSN03	373	<b>Date</b>  <b>Notes:</b> <i>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.</i>  <b>Formatting Notes:</b> <i>Date expressed as CCYYMMDD</i>	M	DT	8/8	Must use						
BSN04	337	<b>Time</b>  <b>Notes:</b> <i>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.</i>  <b>Formatting Notes:</b> <i>Time expressed as HHMMSS</i>	M	TM	4/8	Must use						
BSN05	1005	<b>Hierarchical Structure Code</b>  <b>Notes:</b> <i>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)</i>  <table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>0001</td><td>Pick and Pack Structure Shipment, Order, Tare, Packaging,Item (Pallet) Shipment, Order, Packaging, Item (Carton)</td></tr></table>	<u>Code</u>	<u>Name</u>	0001	Pick and Pack Structure Shipment, Order, Tare, Packaging,Item (Pallet) Shipment, Order, Packaging, Item (Carton)	O	ID	4/4	Used		
<u>Code</u>	<u>Name</u>											
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
HL01	628	Hierarchical ID Number	M	AN	1/12	Must use				
<div>Notes: This will be a unique ID number which sequentially increases with each subsequent HL loop.</div>										
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use				
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>S</td><td>Shipment</td></tr></table>							<u>Code</u>	<u>Name</u>	S	Shipment
<u>Code</u>	<u>Name</u>									
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
		<div>Code Name</div> <div>CTN Carton</div>				
TD102	80	Lading Quantity	M	NO	1/7	Must use
		<div>Notes:</div> <div>This field will be the total number of cartons making up a shipment.</div>				
TD104	22	Commodity Code	O	AN	1/30	Used
		<div>Notes:</div> <div>Code describing a commodity or group of commodities.</div>				
TD105	79	Lading Description	O	AN	1/50	Used
		<div>Notes:</div> <div>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.</div>				
TD106	187	Weight Qualifier	O	ID	1/2	Used
		<div>Code Name</div> <div>G Gross Weight</div>				
TD107	81	Weight	X	R	1/10	Dependent
		<div>Notes:</div> <div>This field will be the gross weight of the shipment.</div>				
TD108	355	Unit or Basis for Measurement Code	X	ID	2/2	Dependent
		<div>Code Name</div> <div>GR Gram</div> <div>KG Kilogram</div> <div>LB Pound</div> <div>OZ Ounce - Av</div>				
TD109	183	Volume	X	R	1/8	Dependent
TD110	355	Unit or Basis for Measurement Code	X	ID	2/2	Dependent
		<div>Code Name</div> <div>CF Cubic Feet</div> <div>CI Cubic Inches</div> <div>CR Cubic Meter</div> <div>CY Cubic Yard</div>				

### 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/pallets) 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
		<div><div>Code</div><div>Name</div></div>				
		PLT Pallet				
TD102	80	Lading Quantity	M	N0	1/7	Must use
		<div>Notes:<div>This field will be the total number of pallets making up the shipment.</div></div>				

## 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)

Pos: 1200

Max: 12

Detail - Mandatory

Loop: HL

Elements: 2

**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
		<div><div><div>Code</div><div>Name</div></div><div>2Standard Carrier Alpha Code (SCAC)</div></div>				
TD503	67	Identification Code	M	AN	2/80	Must use
		<div><div>Notes:</div><div>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).</div></div>				
		<div>Formatting Notes: AAAA</div>				

**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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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
		<u>Code</u> <u>Name</u>				
		B Billed Weight				
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<div><div><u>Code</u></div><div><u>Name</u></div></div> <div>BM     Bill of Lading Number</div>						
REF02	127	Reference Identification	M	AN	1/50	Must use
<div><div>Notes:</div><div>The Bill of Lading 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.</div></div>						

## 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
		<u>Code</u> <u>Name</u>				
		CN Carrier's Tracking/Airbill Number				
REF02	127	Reference Identification	M	AN	1/50	Must use
<b>Notes:</b> <i>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.</i>						

## 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

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
		<u>Code</u> <u>Name</u>				
		SN Seal Number				
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.

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

**Purpose:** To specify identifying information

### Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b><u>Code</u> <u>Name</u></b>				
		BX Buyer's Shipment Mark Number				
REF02	127	<b>Reference Identification</b>	M	AN	1/50	Must use
		<b>Notes:</b> <i>This field contains the Amazon Reference Number (ARN) 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.</i>				

### 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
		<div><div>Code</div><div>Name</div></div>				
		011 Shipped				
		017 Estimated Delivery				
DTM02	373	Date	M	DT	8/8	Must use
		<div>Notes: This field lists the date/time that the shipment departed from your warehouse location.</div>				
		<div>Formatting Notes: CCYYMMDD</div>				
DTM03	337	Time	C	TM	4/8	Used
DTM04	623	Time Code	C	ID	2/2	Used
		<div><div>Code</div><div>Name</div></div>				
		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

Pos: 2200	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

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
		<u>Code</u> <u>Name</u>				
		SF Ship From				
N102	93	Name	O	AN	1/60	Not used
N103	66	Identification Code Qualifier	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		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				
N104	67	Identification Code	M	AN	2/80	Must use
		<b>Notes:</b>				
		This field will contain the unique ID/code representing the vendor's or 3PL's warehouse from where this shipment originated. Unless otherwise notified, the vendor or 3PL can choose which ID/code to use to identify their warehouse.				

## Example:

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

# N3 Party Location

Pos: 2400	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

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:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
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

Pos: 2200	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

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
		<div><div>Code</div><div>Name</div></div>				
		ST Ship To				
N102	93	Name	O	AN	1/60	Not used
N103	66	Identification Code Qualifier	M	ID	1/2	Must use
		<div><div>Code</div><div>Name</div></div>				
		15 Standard Address Number (SAN)				
		92 Assigned by Buyer or Buyer's Agent				
		UL Global Location Number (GLN)				
N104	67	Identification Code	M	AN	2/80	Must use
		<div><div>Notes:</div><div><p>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 Amazon purchase order.</p></div></div>				
		<div><div>Formatting Notes:</div><div><p>Please see the list of Amazon Ship-To locations and their corresponding FC codes and SAN's in Vendor Central under Support &gt; Help &gt; Automation at Amazon &gt; EDI Resources &gt; NA Fulfillment Center List</p></div></div>				

## 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: 3700Max: >1

Detail - Optional

Loop: V1Elements: 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
		<div><div>Code</div><div>Name</div></div>				
		D Port of Discharge (Operational)				
		F Freight Payable At (Contractual)				
		L Port of Loading (Operational)				
R402	309	Location Qualifier	X	ID	1/2	Used
		<div><div>Code</div><div>Name</div></div>				
		UN United Nations Location Code (UNLOCODE)				
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
		<div><div>Code</div><div>Name</div></div>				
		AAA Arrival in Country				
		DFS Departure From Specification				
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:

<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 - 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

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

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.						
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 - <b>SOP</b> 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 For Pallet or Tare level ASN - <b>SOTPI</b> 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  For single ASIN Pallet or Tare level ASN - <b>SOTI</b> Shipments => Orders Orders => Tares(Pallets) Tares(Pallets) => Items HL *1**S ... HL *2*1*O						

$$\begin{aligned} & \dots \\ & HL^*3^*2^*T \\ & \dots \\ & HL^*4^*3^*I \end{aligned}$$

HL\*2\*1\*0

# 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
<div>Notes: <i>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).</i></div>						

## 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 level with/without SSCC Amazon will treat the Pack level as Cartons, even if the vendor does not declare the TD1 on Pack level. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

Pallet assortments come under SOTI or SOTPI hierarchies.

### SOTI (Shipment > Order > Tare(Pallet) > Item) Hierarchy

#### Single ASIN Pallets (with no logistical containers):

When ordered items (original packing hierarchy) are shipped on a Tare/Pallet without any additional logistical container, please use SOTI hierarchy, where Item (I) is nested directly under the Tare/Pallet (T).  
For example, shipped item is a case pack (original packaging hierarchy) and placed on a Tare/Pallet. The case (Item) rests directly on the pallet and not within another logistical container (Carton).

### SOTPI (Shipment > Order > Tare (Pallet) > Pack > Item) Hierarchy

#### Single ASIN Pallets (with containers):

For ordered items packed in a container (Carton) and shipped in a Tare/Pallet, please use SOTPI (Shipment > Order > Tare(Pallet) > Pack > Item) hierarchy.  
For example, ordered item is a inner pack (original packaging material) packed inside another container (Carton) and present in a Pallet.

#### Multi ASIN Pallets:

Pallets comprising more than one ASIN need to be represented as SOTPI (Shipment > Order > Tare(Pallet) > Pack > Item) hierarchy.  
Please do not include Items (HL\*I) directly below the Tare(Pallet) level without an associated Package (HL\*P) level, as this will cause processing errors.

# 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.						
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 Level (HL*P) >> Items (HL*I) - ( <b>SOTPI</b> ) Shipment(S) >> Order(O) >> (HL*T) >> (HL*I) - ( <b>SOTI</b> ) <b>SOTPI</b> 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 ... ... HL*10*1*O <b>SOTI</b> Shipments => Orders Orders => Tares (Pallets) Tares (Pallets) => Items HL*1**S ... HL*2*1*O ... HL*3*2*T .. HL*4*3*I ...						



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<div><div>HL*5*2*T</div><div>...</div><div>HL*6*5*I</div></div>				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<div><div><u>Code</u><u>  Name</u></div><div>T        Shipping Tare</div></div>				

Example:

HL\*3\*2\*T

# TD1 Carrier Details (Quantity and Weight)

Pos: 1100Max: 20

Detail - Optional

Loop: HLElements: 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	<b>Packaging Code</b>  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	M	AN	3/5	Must use
TD102	80	<b>Lading Quantity</b>  Description: This field is the total number of cartons making up a pallet.	M	N0	1/7	Must use
TD103	23	<b>Commodity Code Qualifier</b>  Description: Code identifying the commodity coding system used for Commodity Code All valid standard codes are used.	O	ID	1/1	Used
TD104	22	<b>Commodity Code</b>  Description: Code describing a commodity or group of commodities	O	AN	1/30	Used
TD105	79	<b>Lading Description</b>  Description: Description of an item as required for rating and billing purposes	O	AN	1/50	Used
TD106	187	<b>Weight Qualifier</b>  Description: Code defining the type of weight All valid standard codes are used.	O	ID	1/2	Used
TD107	81	<b>Weight</b>  Description: Numeric value of weight	O	R	1/10	Used
TD108	355	<b>Unit or Basis for Measurement Code</b>  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.	O	ID	2/2	Used
TD109	183	<b>Volume</b>  Description: Value of volumetric measure	O	R	1/8	Used
TD110	355	<b>Unit or Basis for Measurement Code</b>  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.	O	ID	2/2	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 for pallet ASN structures where you are sending an each quantity on your ASN and have a palletized structure where the cartons on the pallet have non-SSCC label types. See the Retail X12 ASN File Structure Guidance document for more information.*

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

**Purpose:** To indicate identifying marks and numbers for shipping containers

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MAN01	88	<b>Marks and Numbers Qualifier</b>	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u> GM   EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier				
MAN02	87	<b>Marks and Numbers</b>	M	AN	1/48	Must use
		<b>Notes:</b> <i>Detailed explanation of each label type supported by Amazon has been provided in "North American Vendor shipment guidelines" available in Vendor Central under Help &gt; Shipping &gt; Vendor Manual.</i>				

*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

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

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
<b>Notes:</b> This will be a unique ID number which sequentially increases with each subsequent HL loop.						
HL02	734	Hierarchical Parent ID Number	M	AN	1/12	Must use
<b>Notes:</b> 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 - <b>SOPI</b> 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 - <b>SOTPI</b> 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 ..						
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
<b>Code Name</b> 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
		<u>Code</u> <u>Name</u>				
		CTN Carton				
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.				
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
		<u>Code</u> <u>Name</u>				
		G Gross Weight				
TD107	81	Weight	M	R	1/10	Used
TD108	355	Unit or Basis for Measurement Code	M	ID	2/2	Used
		<u>Code</u> <u>Name</u>				
		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
<b>Notes:</b> A value of CN is used to qualify the following values:						
=> carrier tracking number for small parcel carriers						
=> carrier airbill number for air freight.						
<b>Code    Name</b>						
CN      Carrier's Tracking/Airbill Number						
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.

It is not required to provide this segment and package level tracking for TL/ LTL shipments, as long as tracking exists at the shipment level. Please refer to the Integration Guide within Amazon Retail X12 856 ASN Specification Package for additional details.

# MAN Marks and Numbers

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

**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
<div><div><div>Code</div><div>Name</div></div><div><div>GM</div><div>EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier</div></div><div><div>UC</div><div>GTIN (Global Trade Item Number) 14</div></div></div>						
MAN02	87	Marks and Numbers	M	AN	1/48	Must use
<div><div>Notes:</div><div>Detailed explanation of each label type supported by Amazon has been provided in "North American Vendor shipment guidelines" available in Vendor Central under Help &gt; Shipping &gt; Vendor Manual.</div></div>						

**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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
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

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

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.						
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 - <b>SOP</b> 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 - <b>SOTPI</b> 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 ... HL *9*7*I						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>For single ASIN Pallet or Tare level ASN - <b>SOTI</b></i>				
		<i>Shipments =&gt; Orders</i>				
		<i>Orders =&gt; Tares(Pallets)</i>				
		<i>Tares(Pallets) =&gt; Items</i>				
		<i>HL*1**S</i>				
		<i>...</i>				
		<i>HL*2*1*O</i>				
		<i>...</i>				
		<i>HL*3*2*T</i>				
		<i>...</i>				
		<i>HL*4*3*I</i>				
		<i>...</i>				
		<i>HL*5*2*T</i>				
		<i>...</i>				
		<i>HL*6*5*I</i>				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		I      Item				

Example:

*HL\*4\*3\*I*

# LIN Item Identification

Pos: 0200	Max: 1
Detail - Mandatory	
Loop: HL	Elements: 7

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
<b>Notes:</b> <i>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.</i>						
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
<b>Code Name</b> 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						
LIN03	234	Product/Service ID	M	AN	1/48	Must use
<b>Notes:</b> <i>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.</i>						
LIN04	235	Product/Service ID Qualifier	C	ID	2/2	Dependent
<b>Code Name</b> LT Lot Number						
LIN05	234	Product/Service ID	C	AN	1/48	Dependent
<b>Notes:</b> <i>The value in this field will be the Lot Number in GS-128 code format.</i>						
LIN06	235	Product/Service ID Qualifier	O	ID	2/2	Used
<b>Code Name</b> CH Country of Origin Code						
LIN07	234	Product/Service ID	O	AN	1/48	Used
<b>Notes:</b> <i>The value in this field will be the country of origin for the line item.</i>						
<b>Formatting Notes:</b> <i>ISO 3166-1 alpha-2 country code format</i>						

**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.				
		<u>Code</u>	<u>Name</u>			
		CA	Case			
		EA	Each			

## Example:

SN1\*\*1\*EA



# MEA Measurements

Pos: 0800

Max: 40

Detail - Conditional

Loop: HL

Elements: 4

**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
<b>Description:</b> Code identifying the broad category to which a measurement applies						
<b>Code Name</b>						
SF Shelf Life						
MEA02	738	Measurement Qualifier	M	ID	1/3	Must use
<b>Description:</b> Code identifying a specific product or process characteristic to which a measurement applies						
<b>Code Name</b>						
SHA Shelf Life						
MEA03	739	Measurement Value	M	R	1/20	Must use
<b>Description:</b> The value of the measurement						
MEA04	C001	Composite Unit of Measure	M	Comp		Must use
<b>Description:</b> To identify a composite unit of measure (See Figures Appendix for examples of use)						
MEA04-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
<b>Code Name</b>						
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 segment.

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
		<u>Code</u> <u>Name</u>				
		036 Expiration				
		094 Manufacture				
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:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use

**Example:**

IEA\*1\*000013229