

Amazon Advanced Shipment Notification (Effective Date 07/01/2014)

X12/V5010/856 : 856 Ship Notice

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856 Ship Notice/Manifest

Functional Group=**SH**

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

Heading:

<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	ST	Transaction Set Header	M	1			Must use
0200	BSN	Beginning Segment for Ship Notice	M	1			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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)	C	12			Used

LOOP ID - TD3					12		
1300	TD3	Carrier Details (Equipment)	M	1			Used
1500	REF	Bill of Lading	C	>1			Used
1500	REF	Pro Number/Tracking/Airbill Number	C	>1			Used
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	C	1			Used
3700	R4	Port or Terminal	C	>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)	M	1		C2/0100	Must use
1100	TD1	Carrier Details (Quantity and Weight)	C	20			Dependent
1900	MAN	Marks and Numbers Information	C	>1			Dependent

LOOP ID - HL					200000	C2/0100L	
0100	HL	Hierarchical Level - Package	M	1		C2/0100	Must use

<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>
1100	TD1	Carrier Details (Quantity and Weight)	C	20			Dependent
1500	REF	Tracking ID/Airbill Number	C	>1			Dependent
1900	MAN	Marks and Numbers	C	>1			Dependent

<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		Used
2000	DTM	Date/Time Reference	C	10		Used

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	M	1		N3/0100	Used
0200	SE	Transaction Set Trailer	M	1			Must use

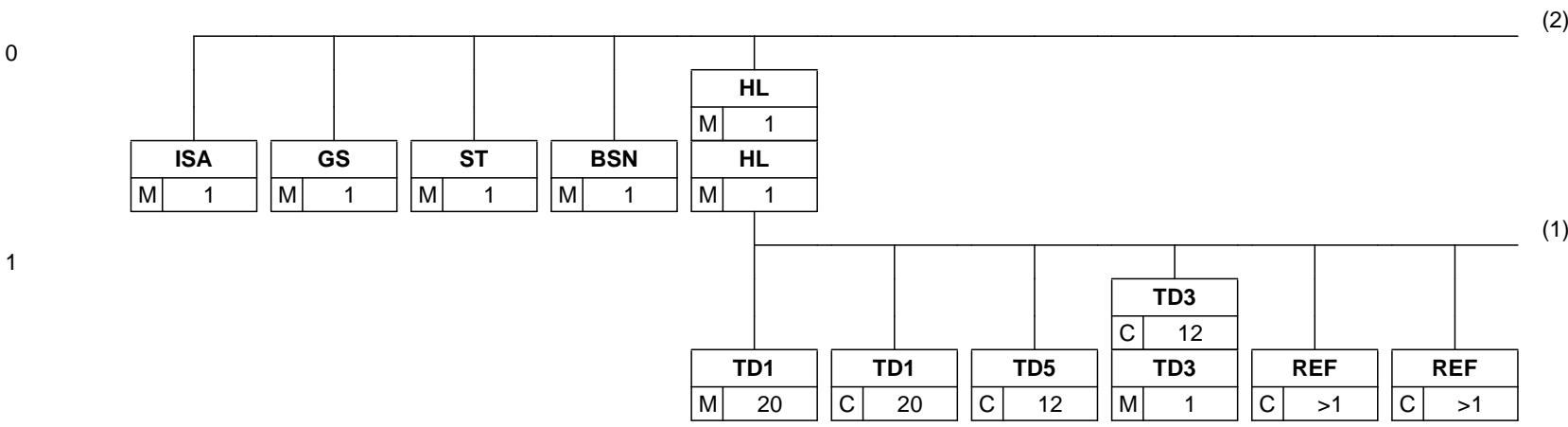
Not Defined:

<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

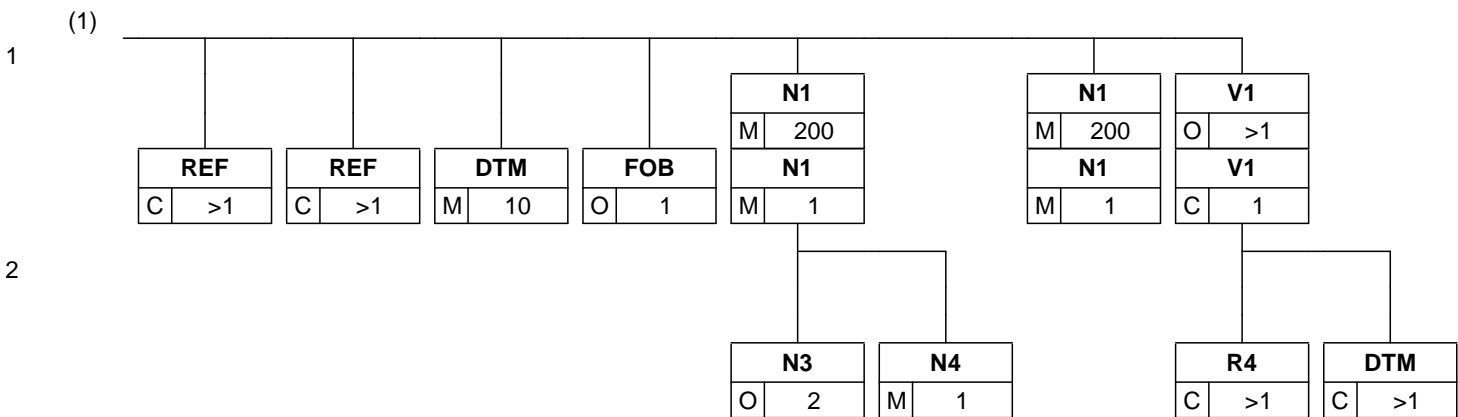
External Information:

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.

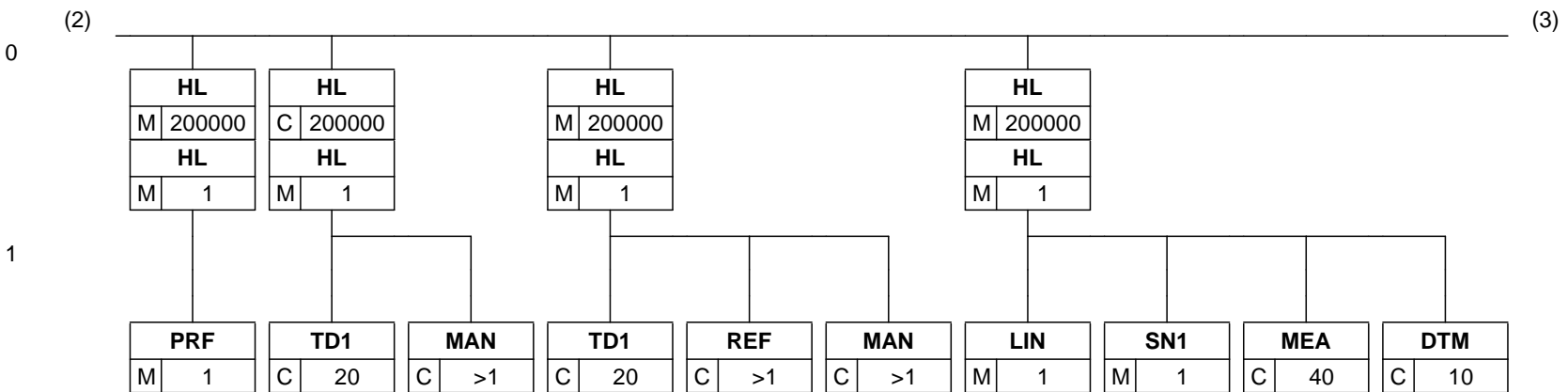
Branching Diagram: 856(Ship Notice/Manifest)



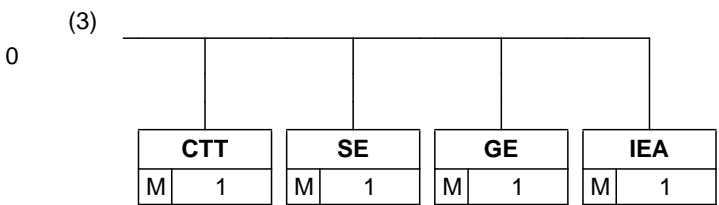
Branching Diagram: 856(Ship Notice/Manifest)



Branching Diagram: 856(Ship Notice/Manifest)



Branching Diagram: 856(Ship Notice/Manifest)



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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
		Code Name				
		00 No Authorization Information Present (No Meaningful Information in I02)				
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)				
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				
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
		External Information: This field will contain the unique sender ID which represents the message creator.				
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
		Code Name				
		ZZ Mutually Defined				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
		External Information: 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 and AMAZONAU for Australia				
ISA09	I08	Interchange Date	M	DT	6/6	Must use
		External Information: This field will be the date that the EDI message was created.				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		External Information: This field will be the time that				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>the EDI message was created.</i>				
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
		External Information: <i>This field will contain a unique nine digit number representing this EDI transaction.</i>				
		Formatting Notes: <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	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 Test Data				
ISA16	I15	Component Element Separator	M		1/1	Must use
		External Information: <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*>
```

Looping Notes:

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
		Code Name				
		SH Ship Notice/Manifest (856)				
GS02	142	Application Sender's Code	M	AN	2/15	Must use
		External Information: This field will be a code identifying the sender				
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
		External Information: 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 and AMAZONAU for Australia				
GS04	373	Date	M	DT	8/8	Must use
		External Information: This field will be the date that the EDI message was created.				
GS05	337	Time	M	TM	4/8	Must use
		External Information: This field will be the time that the EDI message was created.				
GS06	28	Group Control Number	M	NO	1/9	Must use
		External Information: This field will contain a unique number representing this GS-GE transaction.				
		Formatting Notes: Group control number (GS06) in this header must be identical to the same data element in the associated functional group trailer, GE02.				
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
		Code Name				
		X Accredited Standards Committee X12				
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

Looping Notes:

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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

Looping Notes:

Multiple ST/SE loops are only allowed 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	Transaction Set Purpose Code	M	ID	2/2	Must use				
<p>Description: Code identifying purpose of transaction set</p> <p>Code Name</p> <table border="0"> <tr> <td>00</td> <td>Original</td> </tr> <tr> <td>05</td> <td>Replace</td> </tr> </table>							00	Original	05	Replace
00	Original									
05	Replace									
BSN02	396	Shipment Identification	M	AN	2/30	Must use				
<p>External Information: This field will be an 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 BGN01 code "05" if you would like to replace the information provided via the earlier ASN message. Please verify the business requirements document for the locale you are shipping into.</p>										
BSN03	373	Date	M	DT	8/8	Must use				
<p>External Information: 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.</p> <p>Formatting Notes: Date expressed as CCYYMMDD</p>										
BSN04	337	Time	M	TM	4/8	Must use				
<p>External Information: This field will list the time that the ASN information was created. Note: The format must be reported in hours, minutes and seconds. Note: Local time must be converted to either Greenwich Mean Time or Universal Time Coordinates.</p> <p>Formatting Notes: Time expressed as HHMMSS</p>										
BSN05	1005	Hierarchical Structure Code	O	ID	4/4	Used				
<p>Code Name</p> <table border="0"> <tr> <td>0001</td> <td>Pick and Pack Structure Shipment, Order, Tare, Packaging,Item (Pallet)</td> </tr> <tr> <td></td> <td>Shipment, Order, Packaging, Item (Carton)</td> </tr> </table>							0001	Pick and Pack Structure Shipment, Order, Tare, Packaging,Item (Pallet)		Shipment, Order, Packaging, Item (Carton)
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:

<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 - 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)	C	12		Used
1300		Loop TD3	C		12	Used
1500	REF	Bill of Lading	C	>1		Used
1500	REF	Pro Number/Tracking/Airbill Number	C	>1		Used
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

Notes:

Per ASN only one Shipment HL Loop should be sent. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

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
		External Information: <i>This will be a unique ID number which sequentially increase with each subsequent HL loop.</i>				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	M	AN	3/5	Must use
		Code Name				
		CTN Carton				
TD102	80	Lading Quantity	M	NO	1/7	Must use
		External Information: This field will be the total number of cartons making up a shipment.				
TD104	22	Commodity Code	O	AN	1/30	Used
		External Information: Code describing a commodity or group of commodities				
TD105	79	Lading Description	O	AN	1/50	Not used
		Notes: All non-small parcel shipments must be palletized.				
		External Information: This field is used to indicate whether a shipment is floor loaded or not. A value of FLR indicates that the shipment is floor loaded. A value of PLT indicates a shipment of pallets.				
TD106	187	Weight Qualifier	X	ID	1/2	Not used
		Code Name				
		G Gross Weight				
TD107	81	Weight	X	R	1/10	Dependent
		External Information: This field will be the gross weight of the shipment.				
TD108	355	Unit or Basis for Measurement Code	X	ID	2/2	Dependent
		Code Name				
		GR Gram				
		KG Kilogram				
		LB Pound				
		OZ Ounce - Av				
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				

Notes:

Carton Count is mandatory information in an ASN message. Carton Count is the total number of cartons making up a shipment.

Example:

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

TD1 Carrier Details (Quantity and Weight)

Pos: 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TD101	103	Packaging Code	M	AN	3/5	Must use
		<u>Code</u> <u>Name</u>				
		PLT Pallet				
TD102	80	Lading Quantity	C	N0	1/7	Must use

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

Notes:

Pallet Count s the total number of pallets making up a shipment.

Example:

TD1*PLT*6

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 1200	Max: 12
Detail - Conditional	
Loop: HL	Elements: 2

Loop Path: HL

User Option (Usage): Used

Purpose: To specify the carrier and sequence of routing and provide transit time 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>
TD502	66	Identification Code Qualifier	M	ID	1/2	Must use
		Code Name				
		2 Standard Carrier Alpha Code (SCAC)				
TD503	67	Identification Code	M	AN	2/80	Must use

External Information: *The Standard Carrier Alpha Code (SCAC) is a unique code used to identify the carrier. In United States it is assigned and maintained by NMFTA (National Motor Freight Association) and is usually two to four letter code.*

Formatting Notes: AAAA

Notes:

SCAC is 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.

Example:

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

Loop Carrier Details (Equipment)

Pos: 1300	Repeat: 12
Conditional	
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)	M	1		Used

Notes:

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

TD3 Carrier Details (Equipment)

Pos: 1300	Max: 1
Detail - Mandatory	
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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
All valid standard codes are used.						

Notes:

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

Example:

TD3*TL***B*5834.54*KG

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
		<u>Code</u> <u>Name</u>				
		BM Bill of Lading Number				
REF02	127	Reference Identification	M	AN	1/50	Must use

External Information: *The Bill of Lading in the ASN depends 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.*

Example:

REF*BM*600305100059

Segment Usage:

*Either bill of lading identification or PRO number identification is required. Bill of lading identification needs to be provided through REF*BM segment, Air/PRO/Trackingnumber Identification needs to be provided through REF*CN segment.*

REF Pro Number/Tracking/Airbill 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:

<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
		<u>Code</u> <u>Name</u>				
		CN Carrier's Tracking/Airbill Number				
REF02	127	Reference Identification	M	AN	1/50	Must use

External Information: *The Air/PRO/Trackingnumber 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.*

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:

Either bill of lading identification or PRO number identification is required. Bill of lading identification needs to be provided through REF*BM segment, Air/PRO/Trackingnumber Identification needs to be provided through REF*CN segment. If there is only one PRO/Tracking number/Airbill number, the REF segment must exist at the Shipment Level. If there are multiple unique PRO/Tracking Numbers/Airbill numbers, you need to use the REF segment in the Package 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:

<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
		<u>Code</u> <u>Name</u>				
		SN Seal Number				
REF02	127	Reference Identification	M	AN	1/50	Must use

External Information: This field will be the container's seal number.

Notes:

If the shipment does contain a seal number, this seal number needs to be provided through the REF*SN segment for identification.

Example:

REF*SN*SEAL123

REF Amazon Reference 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
		Code Name				
		BX Buyer's Shipment Mark Number				
REF02	127	Reference Identification	M	AN	1/50	Must use

External Information: This field will be contain the Amazon Reference Number.

Formatting Notes: This field contains the Amazon Reference Number (ARN). The segment is only required if the ARN was provided by Amazon via the BGN06 element in the corresponding Routing Instructions (EDI X12 754) or via the Routing Request feature in Vendor Central.

Notes:

Amazon Reference Number 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.

Example:

REF*BX*2860010031

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		Code Name				
		011 Shipped				
		017 Estimated Delivery				
DTM02	373	Date	M	DT	8/8	Must use
		External Information: This field lists the date/time that the shipment departed from your warehouse location.				
		Formatting Notes: CCYYMMDD				
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				

Notes:

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

Example:

Shipped Date:

DTM*011*20140205*0915*GM

Estimated Delivery Date

DTM*017*20140210*0915*GM

Segment Usage:

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 retired.

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:

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

All valid standard codes are used.

Notes:

FOB01 indicates which party will pay the carrier.

Example:

*FOB*CC
FOB*PP*

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:

<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
2400	N3	Party Location	O	2		Used
2500	N4	Geographic Location	M	1		Must use

Example:

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

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
		Code Name				
		SF Ship From				
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				
N104	67	Identification Code	M	AN	2/80	Must use

External Information: This field will contain the unique ID code representing the vendor's or 3PL's warehouse from where this shipment originated from. 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:

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

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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

Example:

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

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		ST Ship To				
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>				
		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

External Information: 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.

Formatting Notes: Please see the list of Amazon Ship-To locations and their corresponding FC codes and SAN's in the "Technical" section of the Resource Center in Vendor Central.

Notes:

This needs to be the value that was sent in the corresponding PO message (X12 850 N104 ship-to code / EDIFACT ORDERS NAD_DP)

Example:

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

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:

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

Notes:

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

V1 Vessel Identification

Pos: 3600	Max: 1
Detail - Conditional	
Loop: V1	Elements: 9

Loop Path: HL-V1

User Option (Usage): Used

Purpose: To provide vessel details and voyage number

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>
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
Description:						
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.						

Notes:

This is only in use for import ASNs, not in use within domestic messaging.

Example:

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

R4 Port or Terminal

Pos: 3700	Max: >1
Detail - Conditional	
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
R401	115	Port or Terminal Function Code	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		D Port of Discharge (Operational)				
		F Freight Payable At (Contractual)				
		L Port of Loading (Operational)				
R402	309	Location Qualifier	X	ID	1/2	Used
		<u>Code</u> <u>Name</u>				
		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

Notes:

This is only in use for import ASNs, not in use within domestic messaging.

Example:

*R4*D*UN*USTIW**CN*

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		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.

Notes:

This is only in use for import ASNs, not in use within 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

Notes:

Per ASN multiple Order HL Loops can be sent. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

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
		External Information: <i>This will be a unique ID number which sequentially increase with each subsequent HL loop.</i>				
HL02	734	Hierarchical Parent ID Number	M	AN	1/12	Must use
		External Information: <i>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</i>				
		<i>Shipments => Orders</i>				
		<i>Orders => Packages</i>				
		<i>Packages => Items</i>				
		<i>HL*1**S</i>				
		<i>...</i>				
		<i>HL*2*1*O</i>				
		<i>...</i>				
		<i>HL*3*2*P</i>				
		<i>...</i>				
		<i>HL*4*3*I</i>				
		<i>...</i>				
		<i>HL*5*2*P</i>				
		<i>...</i>				
		<i>HL*6*5*I</i>				
		<i>...</i>				
		<i>HL*7*1*O</i>				
		<i>For Pallet or Tare Level ASN</i>				
		<i>Shipments => Orders</i>				
		<i>Orders => Tares (Pallet)</i>				
		<i>Tares (Pallet) => Packages</i>				
		<i>Packages => 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*P</i>				
		<i>...</i>				
		<i>HL*5*4*I</i>				
		<i>...</i>				
		<i>HL*6*2*T</i>				
		<i>..</i>				
		<i>HL*7*6*P</i>				
		<i>...</i>				
		<i>HL*8*7*I</i>				
		<i>...</i>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		HL*9*7*I				
		...				
		HL*10*1*O				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		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:

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

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

Notes:

This is the Amazon Purchase Order number you received via EDI (X12 850 or EDIFACT ORDERS) or Vendor Central PO Management Application.

Example:

*PRF*S3993317*

Loop Hierarchical Level - Tare (Pallet)

Pos: 0100	Repeat: 20000
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:

<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 - Tare (Pallet)	M	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	C	20		Dependent
1900	MAN	Marks and Numbers Information	C	>1		Dependent

Notes:

Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

Segment Usage:

Please do not include Items (HL Item loop) at the Tare (Pallet) Level. This will cause these items to be associated with the previously reported package.

If providing the Tare (Pallet) Level information, Amazon prefers the SSCC code to be sent on both the Tare (Pallet) Level as well as the Pack Level. Amazon will also accept sending the SSCC at the Tare (Pallet) Level, or sending the SSCC only at the Pack Level only in the case that you are unable to provide both.

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.

HL Hierarchical Level - Tare (Pallet)

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
		External Information: 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	Used
		External Information: This field will be the HL01 element for the HL loop that this loop belongs to.				
		Shipments => Orders				
		Orders => Tares (Pallet)				
		Tares (Pallet) => 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				
		...				
		HL *10*1*O				
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 - Conditional	
Loop: HL	Elements: 10

Loop Path: HL

User Option (Usage): Dependent

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

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>
TD101	103	Packaging Code	M	AN	3/5	Used
		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				
TD102	80	Lading Quantity	X	N0	1/7	Used
		Description: This field is the total number of cartons making up a pallet.				
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.				
TD104	22	Commodity Code	X	AN	1/30	Used
		Description: Code describing a commodity or group of commodities				
TD105	79	Lading Description	O	AN	1/50	Used
		Description: Description of an item as required for rating and billing purposes				
TD106	187	Weight Qualifier	O	ID	1/2	Used
		Description: Code defining the type of weight				
		All valid standard codes are used.				
TD107	81	Weight	X	R	1/10	Used
		Description: Numeric value of weight				
TD108	355	Unit or Basis for Measurement Code	X	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.				
TD109	183	Volume	X	R	1/8	Used
		Description: Value of volumetric measure				
TD110	355	Unit or Basis for Measurement Code	X	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.				

Notes:

Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

This section is required if you send the MAN segment and can provide pallet level weight details. Pallet (PLT) is not expected at the pack level (HL P) if the partner is sending SSCC codes at the Carton Pack Level.

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.

If the vendor provides no Tare Level information but Pack Level information and wants to treat the pack level as a Carton, the vendor can provide the TD1 codes as CNT. If CNT is not provided, Amazon will treat it as a carton.

Segment Usage:

If you are not sending packs for cartons, you would have to give a carton count for that pallet in TD1 segment of the tare level

MAN Marks and Numbers Information

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

Code Name

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

MAN02	87	Marks and Numbers	M	AN	1/48	Must use
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External Information: Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

Example:

MAN*GM*00000388080758591512

Segment Usage:

This segment must be used if companies are involved in the Amazon license plate receive process and send SSCC code at Tare Level.

Loop Hierarchical Level - Package

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 - Package	M	1		Must use
1100	TD1	Carrier Details (Quantity and Weight)	C	20		Dependent
1500	REF	Tracking ID/Airbill Number	C	>1		Dependent
1900	MAN	Marks and Numbers	C	>1		Dependent

Notes:

Per ASN multiple Package HL Loops can be sent. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

HL Hierarchical Level - Package

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
		External Information: 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
		External Information: 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				
		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				
		Shipments => Orders				
		Orders => Tares (Pallet)				
		Tares (Pallet) => 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				
		..				
HL03	735	Hierarchical Level Code	M	ID	1/2	Must use
		Code Name				
		P Pack				

Example:

*HL*3*2*P*

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				

Notes:

This section is required if you send the MAN segment and can provide package level weight details. Pallet (PLT) is not expect at the pack level (HL P) if the partner is sending SSCC codes at the Carton Pack Level.

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.

If the vendor provides no Tare Level information but Pack Level information and wants to treat the pack level as a Carton, the vendor can provide the TD1 codes as CNT. If CNT is not provided, Amazon will treat it as a carton.

Example:

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

REF Tracking ID/Airbill Number

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

Loop Path: HL

User Option (Usage): Dependent

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

External Information: 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

REF02	127	Reference Identification	M	AN	1/50	Must use
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External Information: For multiple small parcel packages, this field should contain the carrier tracking number per package.

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

Notes:

Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

Example:

REF*CN*1ZE1628E0340236740

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:**

<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	Marks and Numbers Qualifier	M	ID	1/2	Must use
		Code Name				
		GM EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier				
MAN02	87	Marks and Numbers	M	AN	1/48	Must use

External Information: Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

Example:

MAN*GM*00000388080758591512

Segment Usage:

This segment must be used if companies are involved in the Amazon license plate receive process. Please also include the Pack level TD1 segment. REF*CN segment must appear before the MAN segment at the package level.

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		Used
2000	DTM	Date/Time Reference	C	10		Used

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
		External Information: <i>This will be a unique ID number which sequentially increase with each subsequent HL loop.</i>				
HL02	734	Hierarchical Parent ID Number	M	AN	1/12	Must use
		External Information: <i>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</i>				
		<i>Shipments => Orders</i>				
		<i>Orders => Packages</i>				
		<i>Packages => Items</i>				
		<i>HL *1**S</i>				
		<i>...</i>				
		<i>HL *2*1*O</i>				
		<i>...</i>				
		<i>HL *3*2*P</i>				
		<i>...</i>				
		<i>HL *4*3*I</i>				
		<i>...</i>				
		<i>HL *5*2*P</i>				
		<i>...</i>				
		<i>HL *6*5*I</i>				
		<i>For Pallet or Tare Level ASN</i>				
		<i>Shipments => Orders</i>				
		<i>Orders => Tares (Pallet)</i>				
		<i>Tares (Pallet) => Packages</i>				
		<i>Packages => 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*P</i>				
		<i>...</i>				
		<i>HL *5*4*I</i>				
		<i>...</i>				
		<i>HL *6*2*T</i>				
		<i>...</i>				
		<i>HL *7*6*P</i>				
		<i>...</i>				
		<i>HL *8*7*I</i>				
		<i>...</i>				
		<i>HL *9*7*I</i>				
		<i>..</i>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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: 5

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
		External Information: This will be a unique line number representing this item.				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		Code Name				
		BP Buyer's Part Number				
		EN EAN/UCC - 13				
		IB International Standard Book Number (ISBN)				
		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
		External Information: 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.				
LIN04	235	Product/Service ID Qualifier	C	ID	2/2	Dependent
		Code Name				
		LT Lot Number				
LIN05	234	Product/Service ID	C	AN	1/48	Dependent
		External Information: The value in this field will be the Lot Number in GS-128 code format. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.				

Example:

LIN*1*EN*4260333470017*LT*23141345

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
SN101	350	Assigned Identification	O	AN	1/20	Used						
<i>External Information: This element should contain the same number as the corresponding LIN01.</i>												
SN102	382	Number of Units Shipped	M	R	1/10	Must use						
<i>External Information: This field will be the number of units shipped for this item related to the package in this order.</i>												
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use						
<i>External Information: The same unit of measurement should be used as was provided via the Amazon purchase order.</i>												
<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>CA</td> <td>Case</td> </tr> <tr> <td>EA</td> <td>Each</td> </tr> </table>							<u>Code</u>	<u>Name</u>	CA	Case	EA	Each
<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): Used

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

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>
MEA01	737	Measurement Reference ID Code	C	ID	2/2	Used
<p>Description: Code identifying the broad category to which a measurement applies</p> <p>Code Name SF Shelf Life</p>						
MEA02	738	Measurement Qualifier	C	ID	1/3	Used
<p>Description: Code identifying a specific product or process characteristic to which a measurement applies</p> <p>Code Name SHA Shelf Life</p>						
MEA03	739	Measurement Value	X	R	1/20	Used
<p>Description: The value of the measurement</p>						
MEA04	C001	Composite Unit of Measure	X	Comp		Used
<p>Description: To identify a composite unit of measure (See Figures Appendix for examples of use)</p>						
MEA04-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code Name DA Days MO Months</p>						

Notes:

Shelf Life can be provided here. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

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

DTM Date/Time Reference

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

Loop Path: HL

User Option (Usage): Used

Purpose: To specify pertinent dates and times

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>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use
External Information: For Date of Manufacture , please use qualifier 094						
		<u>Code</u> <u>Name</u>				
		036 Expiration				
		094 Manufacture				
DTM02	373	Date	M	DT	8/8	Used

Notes:

Item specific dates can be coded here. Please refer to the Business Requirement Document for the specific locale you are sending a shipment to.

Example:

DTM*036*20140725 - Expiration Date

DTM*094*20140815 - Date of Manufacture

CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Mandatory	
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:

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

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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