



856 Ship Notice/Manifest

Functional Group=SH

Version 005010

Mapping Procedures and Tips on Associated Wholesale Grocers' 856 Document

Associated Wholesale Grocers utilizes the 856 Ship Notice/Manifest Set for all divisions within the company. The 856 Transaction Set contains the format and establishes the data contents of the Ship Notice/Manifest Transaction Set (856) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to list the contents of a shipment of goods as well as additional information relating to the shipment, such as order information, product description, physical characteristics, type of packaging, marking, carrier information, and configuration of goods within the transportation equipment. The transaction set enables the sender to describe the contents and configuration of a shipment in various levels of detail and provides an ordered flexibility to convey information.

The sender of this transaction is the organization responsible for detailing and communicating the contents of a shipment, or shipments, to one or more receivers of the transaction set. The receiver of this transaction set can be any organization having an interest in the contents of a shipment or information about the contents of a shipment.

Any questions concerning mapping requirements should be directed to Edict Systems at hubservices@edictsystems.com.

Header:

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
0100	ST	Transaction Set Header	M	1	
0200	BSN	Beginning Segment for Ship Notice	M	1	

Detail:

Pos. No.	Seg. ID	Name	Req. Des.	Max Use	Loop Repeat
		LOOP ID – HL (Shipment)			200000
0100	HL	Hierarchical Level	M	1	
1100	TD1	Carrier Details (Quantity and Weight)	O	20	
1200	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
		LOOP ID – TD3			12
1300	TD3	Carrier Details (Equipment)	O	1	
1500	REF	Reference Information	O	>1	
1510	PER	Administrative Communications Contact	O	3	
2000	DTM	Date/Time Reference	O	10	



LOOP ID – N1		1*
2200	N1	Party Identification M* 1
2400	N3	Party Location O 2
2500	N4	Geographic Location O 1

LOOP ID – HL (Order)		200000
0100	HL	Hierarchical Level M 1
0500	PRF	Purchase Order Reference M* 1
1100	TD1	Carrier Details (Quantity and Weight) O 20
1500	REF	Reference Information O >1

LOOP ID – N1		1*
2200	N1	Party Identification O 1
2400	N3	Party Location O 2
2500	N4	Geographic Location O 1

LOOP ID – HL (Tare)		200000
0100	HL	Hierarchical Level M 1
1000	PKG	Marking, Packaging, Loading O 25
1100	TD1	Carrier Details (Quantity and Weight) O 20
1900	MAN	Marks and Numbers Information O >1
2150	PAL	Pallet Type and Load Characteristics O 1

LOOP ID – HL (Pack)		200000
0100	HL	Hierarchical Level M 1
0200	LIN	Item Identification M* 1
0300	SN1	Item Detail (Shipment) M* 1
0600	PO4	Item Physical Details O 1
1900	MAN	Marks and Numbers Information O >1
2000	DTM	Date/Time Reference O 1*
2000	DTM	Date/Time Reference O 9*

LOOP ID – N1		1*
2200	N1	Party Identification O 1
2400	N3	Party Location O 2
2500	N4	Geographic Location O 1

LOOP ID – HL (Item)		200000
0100	HL	Hierarchical Level M 1



0200	LIN	Item Identification	M*	1
0300	SN1	Item Detail (Shipment)	M*	1
0600	PO4	Item Physical Details	O	1
2000	DTM	Date/Time Reference	O	1*
2000	DTM	Date/Time Reference	O	9*
LOOP ID – N1				1*
2200	N1	Party Identification	O	1
2400	N3	Party Location	O	2
2500	N4	Geographic Location	O	1

Summary:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
0100	CTT	Transaction Totals	M*	1	
0200	SE	Transaction Set Trailer	M	1	

Notes:

- Associated Wholesale Grocers requires that at most one 856 transaction set be used per ISA/GS envelope.
- Any segments and elements used that are not included in this specification may prevent documents from being processed or may be ignored.
- If any segments of a loop are used, the first segment of the loop is always required.
- * Denotes usage requirements that deviate from EDI standards.



Segment: **ST** Transaction Set Header
Position: 0100
Loop: N/A
Level: Header
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3
		<u>Code</u> <u>Description</u>			
		856 Ship Notice/Manifest			
ST02	329	Transaction Set Control Number	M	AN	4/9



Segment: **BSN** Beginning Segment for Ship Notice

Position: 0200

Loop: N/A

Level: Header

Usage: Mandatory

Max Use: 1

Syntax Notes:

- Notes:**
1. BSN03 is the date the shipment transaction set is created.
 2. BSN04 is the time the shipment transaction set is created.

Data Element Summary

Ref.	Data				
Des.	Element	Name	Req.	Type	Min/Max
BSN01	353	Transaction Set Purpose Code	M	ID	2/2
		<u>Code</u>			
		00			Original
		01			Cancellation
		05			Replace
BSN02	396	Shipment Identification	M	AN	2/30
BSN03	373	Date	M	DT	8/8
BSN04	337	Time	M	TM	4/8
BSN05	1005	Hierarchical Structure Code	M*	ID	4/4



Segment: **HL** Hierarchical Level
Position: 0100
Loop: HL (Shipment Level)
Level: Detail (Shipment Level)
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
HL01	628	Hierarchical ID Number	M	AN	1/12
HL02	734	Hierarchical Parent ID Number	O	AN	1/12
HL03	735	Hierarchical Level Code	M	ID	1/2
		<u>Code</u> <u>Description</u>			
		S Shipment			
HL04	736	Hierarchical Child Code	O	ID	1/1



Segment: **TD1 Carrier Details (Quantity and Weight)**
Position: 1100
Loop: HL (Shipment Level)
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 20
Syntax Notes:

1. If TD101 is present, then TD102 is required.
2. If TD106 is present, then TD107 is required.
3. If either TD107 or TD108 is present, then the other is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
TD101	103	Packaging Code	O	AN	3/5
		<u>Code</u> <u>Description</u>			
		CAS Case			
		CNT Container			
		CTN Carton			
		PLT Pallet			
		SKD Skid			
TD102	80	Lading Quantity	X	N0	1/7
TD105	79	Lading Description	O	AN	1/50
TD106	187	Weight Qualifier	O	ID	1/2
		<u>Code</u> <u>Description</u>			
		G Gross Weight			
		N Actual Net Weight			
TD107	81	Weight	X	R	1/10
TD108	355	Unit or Basis for Measurement Code	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		LB Pound			



Segment: **TD5** **Carrier Details (Routing Sequence/Transit Time)**
Position: 1200
Loop: HL (Shipment Level)
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 12
Syntax Notes:

- At least one of TD502, TD504 or TD505 is required.
- If TD502 is present, then TD503 is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
TD501	133	Routing Sequence Code	O	ID	1/2
		<u>Code</u> <u>Description</u>			
		1 1st Carrier after Origin Carrier			
		2 2nd Carrier after Origin Carrier			
		A Origin Carrier, Agent's Routing (Rail)			
		B Origin/Delivery Carrier (Any Mode)			
		O Origin Carrier (Air, Motor, or Ocean)			
TD502	66	Identification Code Qualifier	X	ID	1/2
		<u>Code</u> <u>Description</u>			
		2 Standard Carrier Alpha Code (SCAC)			
TD503	67	Identification Code	X	AN	2/80
TD504	91	Transportation Method/Type Code	X	ID	1/2
		<u>Code</u> <u>Description</u>			
		H Customer Pickup			
		M Motor (Common Carrier)			
TD505	387	Routing	X	AN	1/35



Segment: **TD3** Carrier Details (Equipment)
Position: 1300
Loop: HL (Shipment Level) / TD3
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 1
Syntax Notes: 1. If TD302 is present, then TD303 is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
TD301	40	Equipment Description Code	O*	ID	2/2
		<u>Code</u> <u>Description</u>			
		CN Container			
		TL Trailer (not otherwise specified)			
TD302	206	Equipment Initial	O	AN	1/4
TD303	207	Equipment Number	X	AN	1/15
TD308	407	Seal Status Code	O	ID	2/2
		<u>Code</u> <u>Description</u>			
		01 Intact			
		02 Broken			
		03 Missing			
		04 Replaced			
TD309	225	Seal Number	O	AN	2/15



Segment: **REF** Reference Information
Position: 1500
Loop: HL (Shipment Level)
Level: Detail (Shipment Level)
Usage: Optional
Max Use: >1
Syntax Notes: 1. At least one of REF02 or REF03 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		BM Bill of Lading Number			
		CN Carrier's Reference Number (PRO/Invoice)			
REF02	127	Reference Identification	X	AN	1/50
REF03	352	Description	X	AN	1/80



Segment: **PER Administrative Communications Contact**
Position: 1510
Loop: HL (Shipment Level)
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 3
Syntax Notes:

1. If either PER03 or PER04 is present, then the other is required.
2. If either PER05 or PER06 is present, then the other is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	Contact Function Code	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		CR Customer Relations			
		DI Delivery Instructions Contact			
PER02	93	Name	O	AN	1/60
PER03	365	Communication Number Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		TE Telephone			
PER04	364	Communication Number	X	AN	1/256
PER05	365	Communication Number Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		EM Electronic Mail			
		FX Facsimile			
PER06	364	Communication Number	X	AN	1/256



Segment: **DTM** Date/Time Reference
Position: 2000
Loop: HL (Shipment Level)
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 10
Syntax Notes:
Notes: 1. AWG expects a Shipped date.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3
		<u>Code</u>			
		002			
		011			
		055			
		Note: 055 is used for Appointment Time			
DTM02	373	Date	M*	DT	8/8
DTM03	337	Time	O*	TM	4/8



Segment: N1 Party Identification

Position: 2200

Loop: HL (Shipment Level) / N1

Level: Detail (Shipment Level)

Usage: Mandatory*

Max Use: 1

Syntax Notes:

- Notes:**
- The code shown in the N104 segment will be AWG's DUNS number followed by a 4 digit suffix to represent the physical location of the ship to facility. If the ship to location is a store, the code in N104 will be AWG's DUNS number followed by the AWG assigned store number. This suffix can be established in your system as the unique identifier of the ship to location.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		ST Ship To			
N102	93	Name	O*	AN	1/60
N103	66	Identification Code Qualifier	M*	ID	1/2
		<u>Code</u> <u>Description</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	67	Identification Code	M*	AN	2/80



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Segment: **N3** Party Location
Position: 2400
Loop: HL (Shipment Level) / N1
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 2
Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55



Segment: **N4 Geographic Location**
Position: 2500
Loop: HL (Shipment Level) / N1
Level: Detail (Shipment Level)
Usage: Optional
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O*	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O*	ID	2/3



Segment: **HL** Hierarchical Level
Position: 0100
Loop: HL (Order Level)
Level: Detail (Order Level)
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
HL01	628	Hierarchical ID Number	M	AN	1/12
HL02	734	Hierarchical Parent ID Number	M*	AN	1/12
HL03	735	Hierarchical Level Code	M	ID	1/2
		<u>Code</u> <u>Description</u>			
		O Order			
HL04	736	Hierarchical Child Code	O	ID	1/1



Segment: **PRF** Purchase Order Reference
Position: 0500
Loop: HL (Order Level)
Level: Detail (Order Level)
Usage: Mandatory*
Max Use: 1
Syntax Notes:
Notes: 1. PRF04 is the date assigned by the purchaser to purchase order.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PRF01	324	Purchase Order Number	M	AN	1/22
PRF04	373	Date	O	DT	8/8
PRF07	92	Purchase Order Type Code	O	ID	2/2
		<u>Code</u>		<u>Description</u>	
		BK		Blanket Order (Quantity Firm)	
		DR		Direct Ship	
		SA		Stand-alone Order	

Note: SA is used for Cross Dock



Segment: TD1 Carrier Details (Quantity and Weight)

Position: 1100

Loop: HL (Order Level)

Level: Detail (Order Level)

Usage: Optional

Max Use: 20

- Syntax Notes:**
1. If TD101 is present, then TD102 is required.
 2. If TD106 is present, then TD107 is required.
 3. If either TD107 or TD108 is present, then the other is required.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u> <u>Min/Max</u>
TD101	103	Packaging Code	O	AN 3/5
		<u>Code</u> <u>Description</u>		
		CAS Case		
		CNT Container		
		CTN Carton		
		PLT Pallet		
		SKD Skid		
TD102	80	Lading Quantity	X	N0 1/7
TD105	79	Lading Description	O	AN 1/50
TD106	187	Weight Qualifier	O	ID 1/2
		<u>Code</u> <u>Description</u>		
		G Gross Weight		
		N Actual Net Weight		
TD107	81	Weight	X	R 1/10
TD108	355	Unit or Basis for Measurement Code	X	ID 2/2
		<u>Code</u> <u>Description</u>		
		LB Pound		



Segment: **REF** Reference Information
Position: 1500
Loop: HL (Order Level)
Level: Detail (Order Level)
Usage: Optional
Max Use: >1
Syntax Notes: 1. At least one of REF02 or REF03 is required.

Data Element Summary

<u>Ref.</u>	<u>Data</u>				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		VN Vendor Order Number			
		BM Bill of Lading Number			
REF02	127	Reference Identification	X	AN	1/50
REF03	352	Description	X	AN	1/80



Segment: N1 Party Identification

Position: 2200

Loop: HL (Order Level) / N1

Level: Detail (Order Level)

Usage: Optional

Max Use: 1

- Syntax Notes:**
1. At least one of N102 or N103 is required.
 2. If either N103 or N104 is present, then the other is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		ST Ship To			
		SF Ship From			
N102	93	Name	X	AN	1/60
N103	66	Identification Code Qualifier	X	ID	1/2
		<u>Code</u> <u>Description</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	67	Identification Code	X	AN	2/80



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Segment: **N3** Party Location
Position: 2400
Loop: HL (Order Level) / N1
Level: Detail (Order Level)
Usage: Optional
Max Use: 2

Syntax Notes:

Data Element Summary

Ref.	Data		Reg.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55



Segment: **N4 Geographic Location**

Position: 2500

Loop: HL (Order Level) / N1

Level: Detail (Order Level)

Usage: Optional

Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O*	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O*	ID	2/3



Segment: **HL** Hierarchical Level
Position: 0100
Loop: HL (Tare Level)
Level: Detail (Tare Level)
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
HL01	628	Hierarchical ID Number	M	AN	1/12
HL02	734	Hierarchical Parent ID Number	M*	AN	1/12
HL03	735	Hierarchical Level Code	M	ID	1/2
		<u>Code</u> <u>Description</u>			
		T Shipping Tare			
HL04	736	Hierarchical Child Code	O	ID	1/1



Segment: **PKG** Marking, Packaging, Loading
Position: 1000
Loop: HL (Tare Level)
Level: Detail (Tare Level)
Usage: Optional
Max Use: 25

Syntax Notes:

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PKG01	349	Item Description Type		M*	ID	1/1
		<u>Code</u>	<u>Description</u>			
		F	Free-form			
PKG02	753	Packaging Characteristic Code		O	ID	1/5
		<u>Code</u>	<u>Description</u>			
		68	Skid/Pallet Type			
PKG05	352	Description		M*	AN	1/80

Note: Please send type of pallet: PECO, CHEP, IGPS, white wood, etc.



Segment: TD1 Carrier Details (Quantity and Weight)

Position: 1100

Loop: HL (Tare Level)

Level: Detail (Tare Level)

Usage: Optional

Max Use: 20

- Syntax Notes:**
1. If TD101 is present, then TD102 is required.
 2. If TD106 is present, then TD107 is required.
 3. If either TD107 or TD108 is present, then the other is required.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
TD101	103	Packaging Code	O	AN	3/5
		<u>Code</u> <u>Description</u>			
		PLT Pallet			
		SKD Skid			
TD102	80	Lading Quantity	X	N0	1/7
TD105	79	Lading Description	O	AN	1/50
TD106	187	Weight Qualifier	O	ID	1/2
		<u>Code</u> <u>Description</u>			
		G Gross Weight			
		N Actual Net Weight			
TD107	81	Weight	X	R	1/10
TD108	355	Unit or Basis for Measurement Code	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		LB Pound			



Segment: **MAN** Marks and Numbers Information
Position: 1900
Loop: HL (Tare Level)
Level: Detail (Tare Level)
Usage: Optional / Mandatory if not sent at Pack Level
Max Use: >1
Syntax Notes:
Notes:
1. AWG expects the MAN segment if Tare level is sent.
2. AWG expects a load number or license plate number in MAN02 when using code: "GM"

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2
		<u>Code</u>		<u>Description</u>	
		GM		EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier	
MAN02	87	Marks and Numbers	M	AN	1/48



Segment: **PAL** Pallet Type and Load Characteristics

Position: 2150

Loop: HL (Tare Level)

Level: Detail (Tare Level)

Usage: Optional

Max Use: 1

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PAL01	883		Pallet Type Code	O	ID	1/2
			<u>Code</u>			
			0			
			1			
			2			
			3			
			4			
			5			
			6			
			7			
			8			
			Hard Wood			
			Aluminum			
			As Specified by the Department of Transportation (DOT)			
			Metal			
			Standard			
			Steel			
			Wood			
			Slip sheet			
			Soft Wood			
PAL02	884		Pallet Tiers	O	N0	1/3
PAL03	885		Pallet Blocks	O	N0	1/3



Segment: **HL** Hierarchical Level
Position: 0100
Loop: HL (Pack Level)
Level: Detail (Pack Level)
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
HL01	628	Hierarchical ID Number	M	AN	1/12
HL02	734	Hierarchical Parent ID Number	M*	AN	1/12
HL03	735	Hierarchical Level Code	M	ID	1/2
		<u>Code</u> <u>Description</u>			
		P Pack			
HL04	736	Hierarchical Child Code	O	ID	1/1



Segment:	LIN Item Identification
Position:	0200
Loop:	HL (Pack Level)
Level:	Detail (Pack Level)
Usage:	Mandatory*
Max Use:	1
Syntax Notes:	1. If either LIN04 or LIN05 is present, then the other is required. 2. If either LIN06 or LIN07 is present, then the other is required. 3. If either LIN08 or LIN09 is present, then the other is required. 4. If either LIN10 or LIN11 is present, then the other is required. 5. If either LIN12 or LIN13 is present, then the other is required. 6. If either LIN14 or LIN15 is present, then the other is required. 7. If either LIN16 or LIN17 is present, then the other is required. 8. If either LIN18 or LIN19 is present, then the other is required.
Notes:	1. Country of Origin: Vendors should send ISO 3166 two letter codes. 2. LIN01 is the line item identification.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u> <u>Min/Max</u>
LIN01	350	Assigned Identification	O	AN 1/20
LIN02	235	Product/Service ID Qualifier	M	ID 2/2
		<u>Code</u> <u>Description</u>		
		IT Buyer's Style Number		
		PI Purchaser's Item Code		
		UA U.P.C./EAN Case Code (2-5-5)		
		UD U.P.C./EAN Consumer Package Code (2-5-5)		
LIN03	234	Product/Service ID	M	AN 1/48
LIN04	235	Product/Service ID Qualifier	X	ID 2/2
		<u>Code</u> <u>Description</u>		
		CH Country of Origin Code		
		IT Buyer's Style Number		
		KM Shelf-Life Code		
		LT Lot Number		
		P8 Retail Price Look Up Number (PLU)		
		PI Purchaser's Item Code		
		PJ Product Date Code (A code indicating the period during which a product was manufactured.)		
		UA U.P.C./EAN Case Code (2-5-5)		
		UD U.P.C./EAN Consumer Package Code (2-5-5)		
		UK GTIN 14-digit Data Structure		
LIN05	234	Product/Service ID	X	AN 1/48



LIN06	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CH		Country of Origin Code	
		IT		Buyer's Style Number	
		KM		Shelf-Life Code	
		LT		Lot Number	
		P8		Retail Price Look Up Number (PLU)	
		PI		Purchaser's Item Code	
		PJ		Product Date Code (A code indicating the period during which a product was manufactured.)	
		UA		U.P.C./EAN Case Code (2-5-5)	
		UD		U.P.C./EAN Consumer Package Code (2-5-5)	
		UK		GTIN 14-digit Data Structure	
LIN07	234	Product/Service ID	X	AN	1/48
LIN08	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CH		Country of Origin Code	
		IT		Buyer's Style Number	
		KM		Shelf-Life Code	
		LT		Lot Number	
		P8		Retail Price Look Up Number (PLU)	
		PI		Purchaser's Item Code	
		PJ		Product Date Code (A code indicating the period during which a product was manufactured.)	
		UA		U.P.C./EAN Case Code (2-5-5)	
		UD		U.P.C./EAN Consumer Package Code (2-5-5)	
		UK		GTIN 14-digit Data Structure	
LIN09	234	Product/Service ID	X	AN	1/48
LIN10	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CH		Country of Origin Code	
		IT		Buyer's Style Number	
		KM		Shelf-Life Code	
		LT		Lot Number	
		P8		Retail Price Look Up Number (PLU)	
		PI		Purchaser's Item Code	
		PJ		Product Date Code (A code indicating the period during which a product was manufactured.)	
		UA		U.P.C./EAN Case Code (2-5-5)	
		UD		U.P.C./EAN Consumer Package Code (2-5-5)	
		UK		GTIN 14-digit Data Structure	
LIN11	234	Product/Service ID	X	AN	1/48



LIN12	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CH		Country of Origin Code	
		IT		Buyer's Style Number	
		KM		Shelf-Life Code	
		LT		Lot Number	
		P8		Retail Price Look Up Number (PLU)	
		PI		Purchaser's Item Code	
		PJ		Product Date Code (A code indicating the period during which a product was manufactured.)	
		UA		U.P.C./EAN Case Code (2-5-5)	
		UD		U.P.C./EAN Consumer Package Code (2-5-5)	
		UK		GTIN 14-digit Data Structure	
LIN13	234	Product/Service ID	X	AN	1/48
LIN14	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CH		Country of Origin Code	
		IT		Buyer's Style Number	
		KM		Shelf-Life Code	
		LT		Lot Number	
		P8		Retail Price Look Up Number (PLU)	
		PI		Purchaser's Item Code	
		PJ		Product Date Code (A code indicating the period during which a product was manufactured.)	
		UA		U.P.C./EAN Case Code (2-5-5)	
		UD		U.P.C./EAN Consumer Package Code (2-5-5)	
		UK		GTIN 14-digit Data Structure	
LIN15	234	Product/Service ID	X	AN	1/48
LIN16	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CH		Country of Origin Code	
		IT		Buyer's Style Number	
		KM		Shelf-Life Code	
		LT		Lot Number	
		P8		Retail Price Look Up Number (PLU)	
		PI		Purchaser's Item Code	
		PJ		Product Date Code (A code indicating the period during which a product was manufactured.)	
		UA		U.P.C./EAN Case Code (2-5-5)	
		UD		U.P.C./EAN Consumer Package Code (2-5-5)	
		UK		GTIN 14-digit Data Structure	
LIN17	234	Product/Service ID	X	AN	1/48



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LIN18	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN19	234	Product/Service ID	X	AN	1/48



Segment: **SN1** Item Detail (Shipment)
Position: 0300
Loop: HL (Pack Level)
Level: Detail (Pack Level)
Usage: Mandatory*
Max Use: 1
Syntax Notes:
Notes: 1. SN101 is the ship notice line-item identification.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
SN101	350	Assigned Identification	O	AN	1/20
SN102	382	Number of Units Shipped	M	R	1/10
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CA		Case	
		EA		Each	
		LB		Pound	



Segment: PO4 Item Physical Details

Position: 0600

Loop: HL (Pack Level)

Level: Detail (Pack Level)

Usage: Optional

Max Use: 1

- Syntax Notes:**
1. If either PO402 or PO403 is present, then the other is required.
 2. If PO405 is present, then PO406 is required.
 3. If either PO406 or PO407 is present, then the other is required.
- Notes:**
1. PO4 segment should only be used for random weight items.
 2. AWG expects Weight Qualifier, Gross Weight per Pack, and Weight Unit of Measure if PO4 segment is sent.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u> <u>Min/Max</u>
PO401	356	Pack	O	N0 1/6
PO402	357	Size	X	R 1/8
PO403	355	Unit or Basis for Measurement Code	X	ID 2/2
		<u>Code</u> <u>Description</u>		
		CA Case		
		EA Each		
		LB Pound		
		OZ Ounce – Av		
PO404	103	Packaging Code	O*	AN 3/5
		<u>Code</u> <u>Description</u>		
		CAS Case		
		CNT Container		
		CTN Carton		
PO405	187	Weight Qualifier	O	ID 1/2
		<u>Code</u> <u>Description</u>		
		G Gross Weight		
		N Actual Net Weight		
PO406	384	Gross Weight per Pack	X	R 1/9
PO407	355	Unit or Basis for Measurement Code	X	ID 2/2
		<u>Code</u> <u>Description</u>		
		CA Case		
		EA Each		
		LB Pound		



Segment: MAN Marks and Numbers Information

Position: 1900

Loop: HL (Pack Level)

Level: Detail (Pack Level)

Usage: Optional / Mandatory if not sent at Tare Level

Max Use: >1

Syntax Notes:

- Notes:**
1. AWG expects the MAN segment if Pack level is sent.
 2. AWG expects a load number or license plate number in MAN02 when using code: "GM"

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
MAN01	88	Marks and Numbers Qualifier	M	ID	1/2
		<u>Code</u>		<u>Description</u>	
		GM		EAN.UCC Serial Shipping Container Code (SSCC) and Application Identifier	
		UC		U.P.C. Shipping Container Code	
MAN02	87	Marks and Numbers	M	AN	1/48



Segment: **DTM** Date/Time Reference
Position: 2000
Loop: HL (Pack Level)
Level: Detail (Pack Level)
Usage: Optional
Max Use: 1*
Syntax Notes:
Notes: 1. AWG expects an Expiration date.

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier		M	ID	3/3
		<u>Code</u>	<u>Description</u>			
		036	Expiration			
DTM02	373	Date		M*	DT	8/8



Segment: **DTM** Date/Time Reference
Position: 2000
Loop: HL (Pack Level)
Level: Detail (Pack Level)
Usage: Optional
Max Use: 9*

Syntax Notes:

Data Element Summary

<u>Ref.</u>	<u>Data</u>			<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>				
DTM01	374	Date/Time Qualifier		M	ID	3/3
		<u>Code</u>	<u>Description</u>			
		169	Product Availability Date			
DTM02	373	Date		M*	DT	8/8



Segment: **N1 Party Identification**
Position: 2200
Loop: HL (Pack Level) / N1
Level: Detail (Pack Level)
Usage: Optional*
Max Use: 1
Syntax Notes:
Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		MF Manufacturer			
N102	93	Name	O*	AN	1/60
N103	66	Identification Code Qualifier	M*	ID	1/2
		<u>Code</u> <u>Description</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	67	Identification Code	M*	AN	2/80



Segment: **N3** Party Location
Position: 2400
Loop: HL (Pack Level) / N1
Level: Detail (Pack Level)
Usage: Optional
Max Use: 2

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55



Segment: **N4 Geographic Location**

Position: 2500

Loop: HL (Pack Level) / N1

Level: Detail (Pack Level)

Usage: Optional

Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O*	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O*	ID	2/3



Segment: **HL** Hierarchical Level
Position: 0100
Loop: HL (Item Level)
Level: Detail (Item Level)
Usage: Mandatory
Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
HL01	628	Hierarchical ID Number	M	AN	1/12
HL02	734	Hierarchical Parent ID Number	M*	AN	1/12
HL03	735	Hierarchical Level Code	M	ID	1/2
		<u>Code</u> <u>Description</u>			
		I Item			
HL04	736	Hierarchical Child Code	O	ID	1/1



Segment:	LIN Item Identification
Position:	0200
Loop:	HL (Item Level)
Level:	Detail (Item Level)
Usage:	Mandatory*
Max Use:	1
Syntax Notes:	1. If either LIN04 or LIN05 is present, then the other is required. 2. If either LIN06 or LIN07 is present, then the other is required. 3. If either LIN08 or LIN09 is present, then the other is required. 4. If either LIN10 or LIN11 is present, then the other is required. 5. If either LIN12 or LIN13 is present, then the other is required. 6. If either LIN14 or LIN15 is present, then the other is required. 7. If either LIN16 or LIN17 is present, then the other is required. 8. If either LIN18 or LIN19 is present, then the other is required.
Notes:	1. Country of Origin: Vendors should send ISO 3166 two letter codes. 2. LIN01 is the line item identification.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
LIN01	350	Assigned Identification	O	AN	1/20
LIN02	235	Product/Service ID Qualifier	M	ID	2/2
		<u>Code</u> <u>Description</u>			
		IT Buyer's Style Number			
		PI Purchaser's Item Code			
		UA U.P.C./EAN Case Code (2-5-5)			
		UD U.P.C./EAN Consumer Package Code (2-5-5)			
LIN03	234	Product/Service ID	M	AN	1/48
LIN04	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		CH Country of Origin Code			
		IT Buyer's Style Number			
		KM Shelf-Life Code			
		LT Lot Number			
		P8 Retail Price Look Up Number (PLU)			
		PI Purchaser's Item Code			
		PJ Product Date Code (A code indicating the period during which a product was manufactured.)			
		UA U.P.C./EAN Case Code (2-5-5)			
		UD U.P.C./EAN Consumer Package Code (2-5-5)			
		UK GTIN 14-digit Data Structure			
LIN05	234	Product/Service ID	X	AN	1/48



LIN06	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			<u>Description</u>
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN07	234	Product/Service ID	X	AN	1/48
LIN08	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			<u>Description</u>
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN09	234	Product/Service ID	X	AN	1/48
LIN10	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			<u>Description</u>
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN11	234	Product/Service ID	X	AN	1/48



LIN12	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			<u>Description</u>
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN13	234	Product/Service ID	X	AN	1/48
LIN14	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			<u>Description</u>
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN15	234	Product/Service ID	X	AN	1/48
LIN16	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			<u>Description</u>
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN17	234	Product/Service ID	X	AN	1/48



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LIN18	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u>			
		CH			Country of Origin Code
		IT			Buyer's Style Number
		KM			Shelf-Life Code
		LT			Lot Number
		P8			Retail Price Look Up Number (PLU)
		PI			Purchaser's Item Code
		PJ			Product Date Code (A code indicating the period during which a product was manufactured.)
		UA			U.P.C./EAN Case Code (2-5-5)
		UD			U.P.C./EAN Consumer Package Code (2-5-5)
		UK			GTIN 14-digit Data Structure
LIN19	234	Product/Service ID	X	AN	1/48



Segment: **SN1** Item Detail (Shipment)
Position: 0300
Loop: HL (Item Level)
Level: Detail (Item Level)
Usage: Mandatory*
Max Use: 1
Syntax Notes:
Notes: 1. SN101 is the ship notice line-item identification.

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
SN101	350	Assigned Identification	O	AN	1/20
SN102	382	Number of Units Shipped	M	R	1/10
SN103	355	Unit or Basis for Measurement Code	M	ID	2/2
		<u>Code</u>		<u>Description</u>	
		CA		Case	
		EA		Each	
		LB		Pound	



Segment: PO4 Item Physical Details

Position: 0600

Loop: HL (Item Level)

Level: Detail (Item Level)

Usage: Optional

Max Use: 1

- Syntax Notes:**
1. If either PO402 or PO403 is present, then the other is required.
 2. If PO405 is present, then PO406 is required.
 3. If either PO406 or PO407 is present, then the other is required.
- Notes:**
1. PO4 segment should only be used for random weight items.
 2. AWG expects Weight Qualifier, Gross Weight per Pack, and Weight Unit of Measure if PO4 segment is sent.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u> <u>Min/Max</u>
PO401	356	Pack	O	N0 1/6
PO402	357	Size	X	R 1/8
PO403	355	Unit or Basis for Measurement Code	X	ID 2/2
		<u>Code</u> <u>Description</u>		
		CA Case		
		EA Each		
		LB Pound		
		OZ Ounce – Av		
PO404	103	Packaging Code	O*	AN 3/5
		<u>Code</u> <u>Description</u>		
		CAS Case		
		CNT Container		
		CTN Carton		
PO405	187	Weight Qualifier	O	ID 1/2
		<u>Code</u> <u>Description</u>		
		G Gross Weight		
		N Actual Net Weight		
PO406	384	Gross Weight per Pack	X	R 1/9
PO407	355	Unit or Basis for Measurement Code	X	ID 2/2
		<u>Code</u> <u>Description</u>		
		CA Case		
		EA Each		
		LB Pound		



Segment: **DTM** Date/Time Reference
Position: 2000
Loop: HL (Item Level)
Level: Detail (Item Level)
Usage: Optional
Max Use: 1*
Syntax Notes:
Notes: 1. AWG expects an Expiration date.

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier		M	ID	3/3
		<u>Code</u>	<u>Description</u>			
		036	Expiration			
DTM02	373	Date		M*	DT	8/8



Segment: **DTM** Date/Time Reference
Position: 2000
Loop: HL (Item Level)
Level: Detail (Item Level)
Usage: Optional
Max Use: 9*

Syntax Notes:

Data Element Summary

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374	Date/Time Qualifier		M	ID	3/3
		<u>Code</u>	<u>Description</u>			
		169	Product Availability Date			
DTM02	373	Date		M*	DT	8/8



Segment: **N1 Party Identification**
Position: 2200
Loop: HL (Item Level) / N1
Level: Detail (Item Level)
Usage: Optional*
Max Use: 1
Syntax Notes:
Notes:

Data Element Summary

Ref.	Data				
Des.	Element	Name	Req.	Type	Min/Max
N101	98	Entity Identifier Code	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		MF Manufacturer			
N102	93	Name	O*	AN	1/60
N103	66	Identification Code Qualifier	M*	ID	1/2
		<u>Code</u> <u>Description</u>			
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix			
N104	67	Identification Code	M*	AN	2/80



Segment: **N3** Party Location
Position: 2400
Loop: HL (Item Level) / N1
Level: Detail (Item Level)
Usage: Optional
Max Use: 2

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N301	166	Address Information	M	AN	1/55
N302	166	Address Information	O	AN	1/55



Segment: **N4 Geographic Location**

Position: 2500

Loop: HL (Item Level) / N1

Level: Detail (Item Level)

Usage: Optional

Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O*	ID	2/2
N403	116	Postal Code	O	ID	3/15
N404	26	Country Code	O*	ID	2/3



Segment: **CTT** Transaction Totals

Position: 0100

Loop: N/A

Level: Summary

Usage: Mandatory*

Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	M*	R	1/10



Segment: **SE** Transaction Set Trailer

Position: 0200

Loop: N/A

Level: Summary

Usage: Mandatory

Max Use: 1

Syntax Notes:

Data Element Summary

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9



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Shipment, Order, Tare, Item Structure

ISA*00* *00* *ZZ*XXXXXXXXXXXXXXXX*08*9272590000 *150703*2236*^*00501*000018703*0*P*>
GS*SH*XXXXXXXXXXXXXXXX*9133211313*20150703*2236*18703*X*005010
ST*856*44356
BSN*00*ASNNUM*20150703*2236*0001
HL*1*0*S*1
TD1*CTN*39***LADING DESC*G*842.72*LB
TD5*2*2*RUAN*H*ROUTING
TD3*TL*ABCD*123456*****01*SEALNUMBER
REF*CN*PRONUM*CARRIER OR PRO NUMBER
PER*CR*CONTACT NAME*TE*111-555-1212*FX*222-555-3333
DTM*011*20150713*1515
N1*ST*SHIP TO NAME*9*1234567890123
N3*1111 111TH AVE NE*SUIE 1
N4*BELLEVUE*WA*98004*US
HL*2*1* O*1
PRF*PONUMBER***20150711***BK
TD1*CTN*39***LADING DESC*G*842.72*LB
REF*VN*VENDORORDERNUM*DESCRIPTION
N1*ST*SHIP TO NAME*9*9876543210987
N3*2222 222ND ST*SUIE 1.
N4*COMMERCE*CA*90040*US
HL*3*2*T*1
PKG*F*68***CHEP
TD1*PLT*2***LADING DESC*G*842.72*LB
MAN*GM*003456789012345600
PAL*2*1*1
HL*4*3*I*0
LIN*001*PI*12354*KM*11111*CH*US*P8*PLU1234*PJ*PJ12345*UD*123456789012*UK*12345678901234*LT*22222*UA*123456789012
SN1*1*10*LB
PO4*10*1*CA*CTN*G*14.593*LB
DTM*036*20150811
HL*5*3*I*0
LIN*002*IT*2222222
SN1**5*CA
CTT*5*15
SE*34*44356
GE*1*18703
IEA*1*000018703

Shipment, Order, Tare, Package Structure

ISA*00* *00* *ZZ*XXXXXXXXXXXXX*08*9272590000 *150703*2236*^*00501*000018703*0*P*>
GS*SH*XXXXXXXXXXXXXXXXX*9133211313*20150703*2236*18703*X*005010
ST*856*44356
BSN*00*ASNNUM*20150703*2236*0001
HL*1*0*S*1
TD1*CTN*39***LADING DESC*G*842.72*LB
TD5*2*2*RUAN*H*ROUTING
TD3*TL*ABCD*123456*****01*SEALNUMBER
REF*BM*BOLNUM*BILL OF LADING NUMBER
PER*CR*CONTACT NAME*TE*111-555-1212*FX*222-555-3333
DTM*011*20150713*1515
N1*ST*SHIP TO NAME*9*1234567890123
N3*1111 111TH AVE NE*SUIE 1
N4*BELLEVUE*WA*98004*US
HL*2*1*O*1
PRF*PONUMBER***20150711***BK
TD1*CTN*39***LADING DESC*G*842.72*LB
REF*VN*VENDORORDERNUM*DESCRIPTION
N1*ST*SHIP TO NAME*9*9876543210987
N3*2222 222ND ST*SUIE 1.
N4*COMMERCE*CA*90040*US
HL*3*2*T*1
PKG*F*68***CHEP
TD1*PLT*2***LADING DESC*G*842.72*LB
MAN*GM*003456789012345600
PAL*2*1*1
HL*4*3*P*0
LIN*001*PI*12354*KM*111111*UA*123456789012*CH*US*P8*PLU1234*PJ*PJ12345*UD*123456789012*UK*12345678901234*LT*2222222
SN1*1*1*LB
PO4*1*1*CA*CNT*G*1*LB
MAN*UC*00345678901234
DTM*036*20150815
HL*5*3*P*0
LIN*002*IT*23546*CH*US*P8*PLU1234*PJ*PJ12345*UD*123456789012*UK*12345678901234*KM*111111*LT*2222222
SN1*1*10*CA
MAN*GM*003456789012345601
DTM*036*20150811
HL*6*3*P*0
LIN*003*UD*222222222222
SN1**5*CA
MAN*GM*003456789012345602
CTT*6*15
SE*41*44356
GE*1*18703
IEA*1*000018703



Modification History

Version 1.1 – 8/12/2015

PER01: added DI to code list
PKG (Tare Level) added to prologue
PKG (Tare Level) added
LIN02 (Pack Level): added IT to code list
LIN* (Item Level): added IT to all code lists
Updated Sample Data SOTPI to include PKG segment

Version 1.2 – 9/11/2015

Prologue:

Changed all of the following Req. Des. values to. "O":

Shipment Level: TD1, TD5, TD3, REF, PER, DTM

Order Level: TD1, REF, N1

Tare Level: TD1, PKG, MAN, PAL

Pack Level: PO4, MAN

Pack Level: added second optional DTM

Item Level: changed LIN and SN1 to M*, added second optional DTM

CTT: changed to M*

Removed note "M* = AWG required fields if applicable."

Body:

Updated segment Usage to match prologue in all segments noted above

Updated element Req. to X-12 standards for all Optional segments

Added syntax notes as required for X-12 conditionals

HL segments (O, T, P, I): changed HL02 Req. to M* (Shipment level HL02 is optional)

Added code lists to the following

Shipment Level: TD101, TD106, TD108, TD501, TD502, TD301, TD308, PER05

Order Level: TD101, TD106, TD108, N103

Tare Level: TD101, TD106, TD108, PAL01

Pack Level: SN103, PO403, PO404, PO405, PO407

Item Level: SN103, PO403, PO404, PO405, PO407, DTM01

DTM (Shipment Level): Added segment note. Removed note from DTM03.

DTM02: changed Req. to M*, DTM03: changed Req. to O*

N1 (Shipment Level): N101: removed all but ST from code list.

N103/N104: changed Req to M*

N1 (Order Level): N101: removed all but ST from code list.

MAN (Tare Level and Pack Level): removed 3 segment notes, added new segment note.

MAN03-MAN06: removed

LIN (Pack Level): LIN02 and LIN04: additions to code list. LIN04/LIN05: made conditional, and added syntax note. Updated all other code lists with all possible codes.

SN1 (Pack Level): removed "Zero quantity" note

PO4 (Pack Level): added note. PO408/PO409: removed elements and syntax note

DTM (Pack Level): added optional DTM for expiration date with note

Item Level: Made the following segments match Pack Level: LIN, SN1, PO4, DTM

Sample Data:

Updated to reflect all changes

Changed SOP1 to SOT1 and SOTPI to SOTP

Modification History: changed font

Version 1.3 – 4/30/2019

Body:

Made it mandatory that the MAN must be sent at either the Tare level or Pack level.

Added notes in the MAN segments that AWG expects a load number or license plate number in the MAN02 when using code: "GM".

Version 1.4 – 9/6/2024

Body:

- Added the FSMA 204 required data.
- REF01 (Order Level): added code BM.
- N101 (Order Level) added code SF.
- N1 (Pack Level) added N1 segment to the Pack level.
- N3 (Pack Level) added N3 to the pack level.
- N4 (Pack Level) added N4 to the pack level.
- N1 (Detail Level) added N1 to the item level.
- N3 (Detail Level) added N3 to the detail level.
- N4 (Detail Level) added N4 to the detail level.