



## 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](mailto:hubservices@edictsystems.com).

### Header:

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

### Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max Use</u>	<u>Loop Repeat</u>
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 – 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*



**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>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
ST01	143		<b>Transaction Set Identifier Code</b>	M	ID	3/3
			<u>Code</u> <u>Description</u>			
			856            Ship Notice/Manifest			
ST02	329		<b>Transaction Set Control Number</b>	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				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<b>BSN01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b>	<b>M</b>	<b>ID</b>	<b>2/2</b>
		<u>Code</u>			
		00			Original
		01			Cancellation
		05			Replace
<b>BSN02</b>	<b>396</b>	<b>Shipment Identification</b>	<b>M</b>	<b>AN</b>	<b>2/30</b>
<b>BSN03</b>	<b>373</b>	<b>Date</b>	<b>M</b>	<b>DT</b>	<b>8/8</b>
<b>BSN04</b>	<b>337</b>	<b>Time</b>	<b>M</b>	<b>TM</b>	<b>4/8</b>
<b>BSN05</b>	<b>1005</b>	<b>Hierarchical Structure Code</b>	<b>M*</b>	<b>ID</b>	<b>4/4</b>



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

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<b>TD101</b>	<b>103</b>	<b>O</b>	<b>AN</b>	<b>3/5</b>
	<b>Packaging Code</b>			
	<u>Code</u>			<u>Description</u>
	CAS			Case
	CNT			Container
	CTN			Carton
	PLT			Pallet
	SKD			Skid
<b>TD102</b>	<b>80</b>	<b>X</b>	<b>N0</b>	<b>1/7</b>
	<b>Lading Quantity</b>			
<b>TD105</b>	<b>79</b>	<b>O</b>	<b>AN</b>	<b>1/50</b>
	<b>Lading Description</b>			
<b>TD106</b>	<b>187</b>	<b>O</b>	<b>ID</b>	<b>1/2</b>
	<b>Weight Qualifier</b>			
	<u>Code</u>			<u>Description</u>
	G			Gross Weight
	N			Actual Net Weight
<b>TD107</b>	<b>81</b>	<b>X</b>	<b>R</b>	<b>1/10</b>
	<b>Weight</b>			
<b>TD108</b>	<b>355</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
	<b>Unit or Basis for Measurement Code</b>			
	<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:** 1. At least one of TD502, TD504 or TD505 is required.  
 2. If TD502 is present, then TD503 is required.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<b>TD501</b>	<b>133 Routing Sequence Code</b>	<b>O</b>	<b>ID</b>	<b>1/2</b>
	<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)			
<b>TD502</b>	<b>66 Identification Code Qualifier</b>	<b>X</b>	<b>ID</b>	<b>1/2</b>
	<u>Code</u> <u>Description</u>			
	2      Standard Carrier Alpha Code (SCAC)			
<b>TD503</b>	<b>67 Identification Code</b>	<b>X</b>	<b>AN</b>	<b>2/80</b>
<b>TD504</b>	<b>91 Transportation Method/Type Code</b>	<b>X</b>	<b>ID</b>	<b>1/2</b>
	<u>Code</u> <u>Description</u>			
	H      Customer Pickup			
	M      Motor (Common Carrier)			
<b>TD505</b>	<b>387 Routing</b>	<b>X</b>	<b>AN</b>	<b>1/35</b>





**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**

<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>			
TD301	40 <b>Equipment Description Code</b>	O*	ID	2/2
	<u>Code</u> <u>Description</u>			
	CN                Container			
	TL                Trailer (not otherwise specified)			
TD302	206 <b>Equipment Initial</b>	O	AN	1/4
TD303	207 <b>Equipment Number</b>	X	AN	1/15
TD308	407 <b>Seal Status Code</b>	O	ID	2/2
	<u>Code</u> <u>Description</u>			
	01                Intact			
	02                Broken			
	03                Missing			
	04                Replaced			
TD309	225 <b>Seal Number</b>	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>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
REF01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		BM                Bill of Lading Number			
		CN                Carrier's Reference Number (PRO/Invoice)			
REF02	127	<b>Reference Identification</b>	X	AN	1/50
REF03	352	<b>Description</b>	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**

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

<u>Ref.</u>	<u>Data</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>			
			002      Delivery Requested			
			011      Shipped			
			055      Confirmed			
<b>Note: 055 is used for Appointment Time</b>						
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:** 1. 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**

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



**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**

<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>			
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**

<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>			
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**

<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>			
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**

<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>			
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**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
TD101	103		<b>Packaging Code</b>	O	AN	3/5
			<u>Code</u> <u>Description</u>			
			CAS          Case			
			CNT          Container			
			CTN          Carton			
			PLT          Pallet			
			SKD          Skid			
TD102	80		<b>Lading Quantity</b>	X	NO	1/7
TD105	79		<b>Lading Description</b>	O	AN	1/50
TD106	187		<b>Weight Qualifier</b>	O	ID	1/2
			<u>Code</u> <u>Description</u>			
			G            Gross Weight			
			N            Actual Net Weight			
TD107	81		<b>Weight</b>	X	R	1/10
TD108	355		<b>Unit or Basis for Measurement Code</b>	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>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
REF01	128	<b>Reference Identification Qualifier</b>	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		VN            Vendor Order Number			
REF02	127	<b>Reference Identification</b>	X	AN	1/50
REF03	352	<b>Description</b>	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		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</u>			
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		ST      Ship To			
N102	93	<b>Name</b>	X	AN	1/60
N103	66	<b>Identification Code Qualifier</b>	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	<b>Identification Code</b>	X	AN	2/80



**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**

<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>			
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**

<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>			
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**

<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>			
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**

<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>
PKG01	349	<b>Item Description Type</b>	M*	ID	1/1
		<u>Code</u> <u>Description</u>			
		F              Free-form			
PKG02	753	<b>Packaging Characteristic Code</b>	O	ID	1/5
		<u>Code</u> <u>Description</u>			
		68             Skid/Pallet Type			
PKG05	352	<b>Description</b>	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	<b>Packaging Code</b>	O	AN	3/5
		<u>Code</u> <u>Description</u>			
		PLT      Pallet			
		SKD      Skid			
TD102	80	<b>Lading Quantity</b>	X	N0	1/7
TD105	79	<b>Lading Description</b>	O	AN	1/50
TD106	187	<b>Weight Qualifier</b>	O	ID	1/2
		<u>Code</u> <u>Description</u>			
		G      Gross Weight			
		N      Actual Net Weight			
TD107	81	<b>Weight</b>	X	R	1/10
TD108	355	<b>Unit or Basis for Measurement Code</b>	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  
**Max Use:** >1  
**Syntax Notes:**  
**Notes:** 1. AWG expects the MAN segment if Tare level 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>
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		<b>Pallet Type Code</b>	O	ID	1/2
			<u>Code</u>			<u>Description</u>
			0			Hard Wood
			1			Aluminum
			2			As Specified by the Department of Transportation (DOT)
			3			Metal
			4			Standard
			5			Steel
			6			Wood
			7			Slip sheet
			8			Soft Wood
PAL02	884		<b>Pallet Tiers</b>	O	N0	1/3
PAL03	885		<b>Pallet Blocks</b>	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**

<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>			
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



<b>LIN06</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN07</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN08</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN09</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN11</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>



<b>LIN12</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN13</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN14</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN15</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN16</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN17</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>



<b>LIN18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN19</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>





**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**

<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>			
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		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</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  
**Max Use:** >1  
**Syntax Notes:**  
**Notes:** 1. AWG expects the MAN segment if Pack level 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>
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>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
DTM01	374		<b>Date/Time Qualifier</b>	M	ID	3/3
			<u>Code</u>			
			169			
			<u>Description</u>			
			Product Availability Date			
DTM02	373		<b>Date</b>	M*	DT	8/8



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



<b>LIN06</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN07</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN08</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN09</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN11</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>





<b>LIN12</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN13</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN14</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN15</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>
<b>LIN16</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN17</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>



<b>LIN18</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<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
<b>LIN19</b>	<b>234</b>	<b>Product/Service ID</b>	<b>X</b>	<b>AN</b>	<b>1/48</b>



**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**

<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>			
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		Req.	Type	Min/Max
<u>Des.</u>	<u>Element</u>	<u>Name</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**

<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>			
		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**

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



**Segment:** CTT Transaction Totals  
**Position:** 0100  
**Loop:** N/A  
**Level:** Summary  
**Usage:** Mandatory\*  
**Max Use:** 1  
**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>			
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**

<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>			
SE01	96	Number of Included Segments	M	N0	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9





**856 Ship Notice/Manifest Sample Data**

**Shipment, Order, Item Structure**

ISA\*00\* \*00\* \*ZZ\*XXXXXXXXXXXXXXXX\*08\*9272590000 \*150712\*1906\*^\*00501\*000022759\*0\*P\*>  
GS\*SH\*XXXXXXXXXXXXXXXX\*9133211313\*20150712\*1906\*22759\*X\*005010  
ST\*856\*000000001  
BSN\*00\*ASNNUMBER\*20150712\*0000\*0004  
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\*I\*0  
LIN\*001\*PI\*12345\*P8\*PLU1234\*CH\*US\*PJ\*PJ12345\*UD\*123456789012\*UK\*12345678901234\*KM\*11111\*LT\*22222\*UA\*123456789012  
SN1\*1\*1\*CA  
PO4\*1\*1\*CA\*CNT\*G\*1\*LB  
DTM\*036\*20150815  
HL\*4\*2\*I\*0  
LIN\*002\*IT\*1234567  
SN1\*2\*1\*CA  
CTT\*4\*21  
SE\*29\*000000001  
GE\*1\*22759  
IEA\*1\*000022759



**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\*SUITE 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\*SUITE 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\*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\*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\*BELLEUVUE\*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 SOPI to SOTI and SOTPI to SOTP

Modification History: changed font