



### 3856 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 – 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:**

- \* 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>Req.</u>	<u>Type</u>	<u>Min/Max</u>		
<u>Des.</u>	<u>Element</u>	<u>Name</u>						
	ST01	143	<b>Transaction Set Identifier Code</b>			M	ID	3/3
			<u>Code</u>					
			856					
			<u>Description</u>					
			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**

<u>Ref.</u>	<u>Data</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 ID 2/2</b>
			<u>Code</u>			<u>Description</u>
			00			Original
			01			Cancellation
			05			Replace
		<b>BSN02</b>	<b>396</b>			<b>M AN 2/30</b>
			<b>Shipment Identification</b>			
		<b>BSN03</b>	<b>373</b>			<b>M DT 8/8</b>
			<b>Date</b>			
		<b>BSN04</b>	<b>337</b>			<b>M TM 4/8</b>
			<b>Time</b>			
		<b>BSN05</b>	<b>1005</b>			<b>M* ID 4/4</b>
			<b>Hierarchical Structure Code</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>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>	
		TD101	103			O AN	3/5
			<b>Packaging Code</b>				
			<u>Code</u>			<u>Description</u>	
			CAS			Case	
			CNT			Container	
			CTN			Carton	
			PLT			Pallet	
			SKD			Skid	
		TD102	80		X	N0	1/7
		TD105	79		O	AN	1/50
		TD106	187		O	ID	1/2
			<b>Weight Qualifier</b>				
			<u>Code</u>			<u>Description</u>	
			G			Gross Weight	
			N			Actual Net Weight	
		TD107	81		X	R	1/10
		TD108	355		X	ID	2/2
			<b>Unit or Basis for Measurement Code</b>				
			<u>Code</u>			<u>Description</u>	
			LB			Pound	
		TD109	81		X	R	1/10
		TD110	355		X	ID	2/2
			<b>Volume</b>				
			<u>Code</u>			<u>Description</u>	
			CF			Cubic Foot	



**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>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
		TD501	133			
			<b>Routing Sequence Code</b>	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	X	ID	1/2
			<b>Identification Code Qualifier</b>			
			<u>Code</u>		<u>Description</u>	
			2		Standard Carrier Alpha Code (SCAC)	
		TD503	67	X	AN	2/80
		TD504	91	X	ID	1/2
			<b>Transportation Method/Type Code</b>			
			<u>Code</u>		<u>Description</u>	
			H		Customer Pickup	
			M		Motor (Common Carrier)	
		TD505	387	X	AN	1/35
			<b>Routing</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>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</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			O AN 1/4
		TD303	207			X AN 1/15
		TD308	407			O ID 2/2
			<b>Seal Status Code</b>			
			<u>Code</u> <u>Description</u>			
			01                Intact			
			02                Broken			
			03                Missing			
			04                Replaced			
		TD309	225			O AN 2/15
			<b>Seal Number</b>			



**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>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>	
		REF01	128				
		<b>Reference Identification Qualifier</b>				<b>M</b>	<b>ID</b>
				<u>Code</u>	<u>Description</u>		
				BM	Bill of Lading Number		
				CN	Carrier's Reference Number (PRO/Invoice)		
		REF02	127				
		<b>Reference Identification</b>				<b>X</b>	<b>AN</b>
		REF03	352				
		<b>Description</b>				<b>X</b>	<b>AN</b>



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



**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				
		<b>Date/Time Qualifier</b>					
		<u>Code</u>	<u>Description</u>				
		002	Delivery Requested				
		011	Shipped				
		055	Confirmed				
		<b>Note: 055 is used for Appointment Time</b>					
		DTM02	373		M*	DT 8/8	
		DTM03	337		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 a 91, assigned by seller, to represent the store code of the ship to facility.

**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>						
	N101	98	<b>Entity Identifier Code</b>			M	ID	2/3
			<u>Code</u>				<u>Description</u>	
			ST				Ship To	
			SF				Ship From	
	N102	93	<b>Name</b>			O*	AN	1/60
	N103	66	<b>Identification Code Qualifier</b>			M*	ID	1/2
			<u>Code</u>				<u>Description</u>	
			91				Assigned by Seller	
	N104	67	<b>Identification Code</b>			M*	AN	2/80



**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>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**

<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		X	N0	1/7
		TD105	79		O	AN	1/50
		TD106	187		O	ID	1/2
			<b>Weight Qualifier</b>				
			<u>Code</u>				<u>Description</u>
			G				Gross Weight
			N				Actual Net Weight
		TD107	81		X	R	1/10
		TD108	355		X	ID	2/2
			<b>Unit or Basis for Measurement Code</b>				
			<u>Code</u>				<u>Description</u>
			LB				Pound





**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**

<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>					
	N101	98			M	ID	2/3
		<b>Entity Identifier Code</b>					
		<u>Code</u>				<u>Description</u>	
		ST				Ship To	
		SF				Ship From	
	N102	93			X	AN	1/60
	N103	66			X	ID	1/2
		<b>Identification Code Qualifier</b>					
		<u>Code</u>				<u>Description</u>	
		9				D-U-N-S Number	
	N104	67			X	AN	2/80
		<b>Identification Code</b>					



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

**Note: 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**

<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>			
			<u>Code</u>			
			<u>Description</u>			
			PLT			
			SKD			
		TD102	80			
			<b>Lading Quantity</b>			
				X		N0
		TD105	79			
			<b>Lading Description</b>			
				O		AN
		TD106	187			
			<b>Weight Qualifier</b>			
			<u>Code</u>			
			<u>Description</u>			
			G			
			Gross Weight			
			N			
			Actual Net Weight			
		TD107	81			
			<b>Weight</b>			
				X		R
		TD108	355			
			<b>Unit or Basis for Measurement Code</b>			
			<u>Code</u>			
			<u>Description</u>			
			LB			
			Pound			
				X		ID
						3/5
						1/7
						1/50
						1/2
						1/10
						2/2



**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:**

**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>
		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>			
			<u>Code</u>			
			<u>Description</u>			
			0			
			1			
			2			
			3			
			4			
			5			
			6			
			7			
			8			
		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**

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
		LIN01	350		O	AN 1/20
		LIN02	235		M	ID 2/2
			<b>Assigned Identification</b>			
			<u>Code</u>			<u>Description</u>
			UK			GTIN 14-digit Data Structure
			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)
			UO			SSCC Number
		LIN03	234		M	AN 1/48
		LIN04	235		X	ID 2/2
			<b>Product/Service ID</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>LIN05</b>	<b>234</b>	<b>Product/Service ID</b>		<b>X</b>	<b>AN</b>	<b>1/48</b>
<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			
		UO	SSCC Number			
<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>LIN10</b>	<b>235</b>	<b>Product/Service ID Qualifier</b>		<b>X</b>	<b>AN</b>	<b>1/48</b>
		<u>Code</u>	<u>Description</u>		<b>ID</b>	<b>2/2</b>
		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)			



**Associated Wholesale Grocers**  
Distributing success for over 80 years



LIN11	234	UK	GTIN 14-digit Data Structure
		<b>Product/Service ID</b>	<b>X</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>			
		<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>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			O AN	1/20
	SN102	382			M R	1/10
	SN103	355			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. Weight Qualifier, Gross Weight per Pack, and Weight Unit of Measure if PO4 segment is sent.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<b>PO401</b>	<b>356</b>		<b>O</b>	<b>N0</b>
<b>PO402</b>	<b>357</b>		<b>X</b>	<b>R</b>
<b>PO403</b>	<b>355</b>		<b>X</b>	<b>ID</b>
	<b>Unit or Basis for Measurement Code</b>			<b>2/2</b>
	<u>Code</u>			<u>Description</u>
	CA			Case
	EA			Each
	LB			Pound
	OZ			Ounce – Av
<b>PO404</b>	<b>103</b>		<b>O*</b>	<b>AN</b>
	<b>Packaging Code</b>			<b>3/5</b>
	<u>Code</u>			<u>Description</u>
	CAS			Case
	CNT			Container
	CTN			Carton
<b>PO405</b>	<b>187</b>		<b>O</b>	<b>ID</b>
	<b>Weight Qualifier</b>			<b>1/2</b>
	<u>Code</u>			<u>Description</u>
	G			Gross Weight
	N			Actual Net Weight
<b>PO406</b>	<b>384</b>		<b>X</b>	<b>R</b>
	<b>Gross Weight per Pack</b>			<b>1/9</b>
<b>PO407</b>	<b>355</b>		<b>X</b>	<b>ID</b>
	<b>Unit or Basis for Measurement Code</b>			<b>2/2</b>
	<u>Code</u>			<u>Description</u>
	CA			Case
	EA			Each
	LB			Pound
<b>PO408</b>	<b>Volume</b>		<b>X</b>	<b>R</b>
	<b>Volume</b>			<b>1/9</b>
<b>PO409</b>	<b>Unit or Basis for Measurement Code</b>		<b>X</b>	<b>ID</b>
	<b>Unit or Basis for Measurement Code</b>			<b>2/2</b>
	<u>Code</u>			<u>Description</u>



**Associated Wholesale Grocers**  
Distributing success for over 80 years



CF      Cubic Foot



**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:**

**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>
		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:** 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		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**

<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>					
	N101	98	<b>Entity Identifier Code</b>			M	ID 2/3
			<u>Code</u>				<u>Description</u>
			MF				Manufacturer
	N102	93	<b>Name</b>			O*	AN 1/60
	N103	66	<b>Identification Code Qualifier</b>			M*	ID 1/2
			<u>Code</u>				<u>Description</u>
			9				D-U-N-S Number
	N104	67	<b>Identification Code</b>			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**

<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 (Pack Level ) / N1  
**Level:** Detail (Pack 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>
		N401	19		O	AN 2/30
		N402	156		O*	ID 2/2
		N403	116		O	ID 3/15
		N404	26		O*	ID 2/3



**Associated Wholesale Grocers**  
Distributing success for over 80 years





**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





<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
		PO			Purchase Order Number
<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		O	AN	1/20
	SN102	382		M	R	1/10
	SN103	355		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. Weight Qualifier, Gross Weight per Pack, and Weight Unit of Measure if PO4 segment is sent.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
<b>PO401</b>	<b>356 Pack</b>	<b>O</b>	<b>N0</b>	<b>1/6</b>
<b>PO402</b>	<b>357 Size</b>	<b>X</b>	<b>R</b>	<b>1/8</b>
<b>PO403</b>	<b>355 Unit or Basis for Measurement Code</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
	<u>Code</u> <u>Description</u>			
	CA      Case			
	EA      Each			
	LB      Pound			
	OZ      Ounce – Av			
<b>PO404</b>	<b>103 Packaging Code</b>	<b>O*</b>	<b>AN</b>	<b>3/5</b>
	<u>Code</u> <u>Description</u>			
	CAS      Case			
	CNT      Container			
	CTN      Carton			
<b>PO405</b>	<b>187 Weight Qualifier</b>	<b>O</b>	<b>ID</b>	<b>1/2</b>
	<u>Code</u> <u>Description</u>			
	G      Gross Weight			
	N      Actual Net Weight			
<b>PO406</b>	<b>384 Gross Weight per Pack</b>	<b>X</b>	<b>R</b>	<b>1/9</b>
<b>PO407</b>	<b>355 Unit or Basis for Measurement Code</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
	<u>Code</u> <u>Description</u>			
	CA      Case			
	EA      Each			
	LB      Pound			
<b>PO408</b>	<b>Volume</b>	<b>X</b>	<b>R</b>	<b>1/9</b>
<b>PO409</b>	<b>Unit or Basis for Measurement Code</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
	<u>Code</u> <u>Description</u>			



**Associated Wholesale Grocers**  
Distributing success for over 80 years



CF      Cubic Foot



**Segment:** **DTM** Date/Time Reference  
**Position:** 2000  
**Loop:** HL (Item Level)  
**Level:** Detail (Item Level)  
**Usage:** Optional  
**Max Use:** 1\*  
**Syntax Notes:**  
**Notes:** 1. Expiration 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			
		<b>Date/Time Qualifier</b>				
		<u>Code</u>	<u>Description</u>			
		036	Expiration			3/3
		DTM02	373			
		<b>Date</b>				
				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		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**

<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>					
	N101	98			M	ID	2/3
		<b>Entity Identifier Code</b>					
		<u>Code</u>				<u>Description</u>	
		MF				Manufacturer	
	N102	93			O*	AN	1/60
	N103	66			M*	ID	1/2
		<b>Identification Code Qualifier</b>					
		<u>Code</u>				<u>Description</u>	
		9				D-U-N-S Number	
	N104	67			M*	AN	2/80
		<b>Identification Code</b>					



**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**

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

<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:** 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>Elemen</u>	<u>Name</u>				
	†		:			
	CTT01	354		M	N0	1/6
	CTT02	347		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



**Shipment, Order, Tare, Item Structure**

ISA\*00\* \*00\* \*08\*9272590000 \*ZZ\*XXXXXXXXXX \*150703\*2236\*\*00501\*000018703\*0\*P\*>  
 GS\*SH\*9133211313\*XXXXXXXXXX\*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\* \*08\*9272590000 \*ZZ\*XXXXXXXXXX \*150703\*2236\*\*00501\*000018703\*0\*P\*>  
GS\*SH\*9133211313XXXXXXXXXX\*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



**Associated Wholesale Grocers**  
Distributing success for over 80 years



## Modification History

Version 1 – 9/10/2024

New ASN from AWG to retailers.