



<b>850 Purchase Order</b>	
<b>Functional Group=PO</b>	<b>Version 005010</b>
<b>Mapping Procedures and Tips on Associated Wholesale Grocers' 850 Document</b>	
<p>Associated Wholesale Grocers utilizes the 850 Purchase Order Transaction Set for all divisions within the company. The 850 Transaction Set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services.</p> <p>Any questions concerning mapping requirements should be directed to Edict Systems at <a href="mailto:hubservices@edictsystems.com">hubservices@edictsystems.com</a>.</p>	

**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	BEG	Beginning Segment for Purchase Order	M	1	
0600	PER	Administrative Communications Contact	O	1*	
LOOP ID – SAC					25
1200	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
1500	DTM	Date/Time Reference	M*	1*	
LOOP ID – N9					1000
2950	N9	Extended Reference Information	O	1	
3000	MTX	Text	O	>1	
LOOP ID – N1					200
3100	N1	Party Identification	M*	1	
3700	FOB	F.O.B. Related Instructions	O	1	
3900	TD5	Carrier Details (Routing Sequence/Transit Time)	O	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 – PO1			100000
0100	PO1	Baseline Item Data	M	1	
		LOOP ID – PID			1000
0500	PID	Product/Item Description	O	1	
		LOOP ID – SAC			25
1300	SAC	Service, Promotion, Allowance, or Charge Information	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>
		LOOP ID – CTT			1
0100	CTT	Transaction Totals	M*	1	
0200	AMT	Monetary Amount Information	M*	1	
0300	SE	Transaction Set Trailer	M	1	

**Notes:**

- 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**

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



**Segment:** **BEG** Beginning Segment for Purchase Order  
**Position:** 0200  
**Loop:** N/A  
**Level:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:**

**Data Element Summary**

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
BEG01	353	<b>Transaction Set Purpose Code</b>		M	ID	2/2
		<u>Code</u>	<u>Description</u>			
		00	Original			
BEG02	92	<b>Purchase Order Type Code</b>		M	ID	2/2
		<u>Code</u>	<u>Description</u>			
		CF	Confirmation			
		NE	New Order			
BEG03	324	<b>Purchase Order Number</b>		M	AN	1/22
BEG05	373	<b>Date</b>		M	DT	8/8

**Note: BEG05 is the date assigned by the purchaser to purchase order.**



**Segment:** **PER** Administrative Communications Contact  
**Position:** 0600  
**Loop:** N/A  
**Level:** Header  
**Usage:** Optional  
**Max Use:** 1\*  
**Syntax Notes:** 1. If either PER03 or PER04 is present, then the other is required.

**Data Element Summary**

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PER01	366	<b>Contact Function Code</b>	<b>M</b>	<b>ID</b>	<b>2/2</b>
		<u>Code</u>			<u>Description</u>
		BD			Buyer Name or Department
PER02	93	<b>Name</b>	<b>O</b>	<b>AN</b>	<b>1/60</b>
PER03	365	<b>Communication Number Qualifier</b>	<b>X</b>	<b>ID</b>	<b>2/2</b>
		<u>Code</u>			<u>Description</u>
		TE			Buyer's Telephone Number
PER04	364	<b>Communication Number</b>	<b>X</b>	<b>AN</b>	<b>1/256</b>



**Segment:** SAC Service, Promotion, Allowance, or Charge Information  
**Position:** 1200  
**Loop:** SAC  
**Level:** Header  
**Usage:** Optional  
**Max Use:** 1\*  
**Syntax Notes:**

**Data Element Summary**

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
SAC01	248	<b>Allowance or Charge Indicator</b>		M	ID	1/1
		<u>Code</u>	<u>Description</u>			
		A	Allowance			
		C	Charge			
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>		M	ID	4/4
		<u>Code</u>	<u>Description</u>			
		A400	Allowance Non-performance			
		D240	Freight			
		D250	Freshness/Leaker Allowance			
		E170	Labeling			
		F340	Pick/Up			
		G740	Service Charge			
		H400	Stopcharge			
		H550	Surcharge			
		H560	Swell			
		H790	Tax - Use Tax			
		I170	Trade Discount			
SAC05	610	<b>Amount</b>		M*	N2	1/15



**Segment:** **DTM** Date/Time Reference  
**Position:** 1500  
**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>
DTM01	374		<b>Date/Time Qualifier</b>	M	ID	3/3
			<u>Code</u>			
			002			Delivery Requested
			010			Requested Ship
DTM02	373		<b>Date</b>	M*	DT	8/8



**Segment:** N9 Extended Reference Information  
**Position:** 2950  
**Loop:** N9  
**Level:** Header  
**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>
<b>N901</b>	<b>128</b> <b>Reference Identification Qualifier</b>	<b>M</b>	<b>ID</b>	<b>2/3</b>
	<u>Code</u> <u>Description</u>			
	TOC            Type of Comment			
<b>N902</b>	<b>127</b> <b>Reference Identification</b>	<b>M*</b>	<b>AN</b>	<b>1/50</b>





**Segment:** **MTX** Text  
**Position:** 3000  
**Loop:** N9  
**Level:** Header  
**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>
MTX01	363		<b>Note Reference Code</b>	M*	ID	3/3
			<u>Code</u>			
			GEN			
			<u>Description</u>			
			Entire Transaction Set			
MTX02	1551		<b>Textual Data</b>	M*	AN	1/4096



**Segment:** **N1** Name  
**Position:** 3100  
**Loop:** N1  
**Level:** Header  
**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>			
	BT      Bill-to-Party			
	ST      Ship To			
	VN      Vendor			
<b>N102</b>	<b>93</b> <b>Name</b>	<b>M*</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>
<b>N104</b>	<b>67</b> <b>Identification Code</b>	<b>M*</b>	<b>AN</b>	<b>2/80</b>



**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 3700  
**Loop:** N1  
**Level:** Header  
**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>
FOB01	146		<b>Shipment Method of Payment</b>	M	ID	2/2
			<u>Code</u>			
			<u>Description</u>			
			PB			Customer Pick-up/Backhaul
			PP			Prepaid (by Seller)



**Segment:** **TD5** Carrier Details (Routing Sequence/Transit Time)  
**Position:** 3900  
**Loop:** N1  
**Level:** Header  
**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>
TD504	91		Transportation Method/Type Code	M*	ID	1/2
			<u>Code</u>			
			H			Customer Pickup
			K			Backhaul
			M			Motor (Common Carrier)



**Segment:** PO1 **Baseline Item Data**  
**Position:** 0100  
**Loop:** PO1  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:** 1 If either PO108 or PO109 is present, then the other is required.  
**Notes:** 1 The UK code is vendor specific and will only be sent when informed by AWG.

**Data Element Summary**

Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PO101	350	Assigned Identification	M*	AN	1/20
PO102	380	Quantity	M*	R	1/15
PO103	355	Unit or Basis for Measurement Code	M*	ID	2/2
PO104	212	Unit Price	M*	R	1/17
PO106	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)
		UI			U.P.C. Consumer Package Code (1-5-5)
		UK			GTIN 14-digit Data Structure
		UP			UCC - 12
		VN			Vendor's (Seller's) Item Number
PO107	234	Product/Service ID	M*	AN	1/48
PO108	235	Product/Service ID Qualifier	X	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)
		UI			U.P.C. Consumer Package Code (1-5-5)
		UK			GTIN 14-digit Data Structure
		UP			UCC - 12
		VN			Vendor's (Seller's) Item Number
PO109	234	Product/Service ID	X	AN	1/48



**Segment:** **PID** Product/Item Description  
**Position:** 0500  
**Loop:** PO1 / PID  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**

**Data Element Summary**

Ref.	Data					
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Req.</u>	<u>Type</u>	<u>Min/Max</u>
PID01	349	Item Description Type		M	ID	1/1
		<u>Code</u>	<u>Description</u>			
		F	Free-form			
PID05	352	Description		M*	AN	1/80



**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 1300  
**Loop:** PO1/SAC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1. If either SAC06 or SAC07 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>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1
		<u>Code</u> <u>Description</u>			
		A          Allowance			
		C          Charge			
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	M*	ID	4/4
		<u>Code</u> <u>Description</u>			
		A400      Allowance Non-performance			
		D240      Freight			
		D250      Freshness/Leaker Allowance			
		E170      Labeling			
		F340      Pick/Up			
		G740      Service Charge			
		H400      Stopcharge			
		H550      Surcharge			
		H560      Swell			
		H790      Tax - Use Tax			
		I170      Trade Discount			
SAC06	378	<b>Allowance/Charge Percent Qualifier</b>	X	ID	1/1
SAC07	332	<b>Percent, Decimal Format</b>	X	R	1/6
SAC08	118	<b>Rate</b>	O	R	1/9



**Segment:** **CTT** Transaction Totals  
**Position:** 0100  
**Loop:** CTT  
**Level:** Summary  
**Usage:** Mandatory\*  
**Max Use:** 1  
**Syntax Notes:**

1. If either CTT03 or CTT04 is present, then the other is required.
2. If either CTT05 or CTT06 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>
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	M*	R	1/10
CTT03	81	Weight	X	R	1/10
CTT04	355	Unit or Basis for Measurement Code	X	ID	2/2
		<u>Code</u>			
		LB			
		<u>Description</u>			
		Pounds			
CTT05	183	Volume	X	R	1/8
CTT06	355	Unit or Basis for Measurement Code	X	ID	2/2
		<u>Code</u>			
		CF			
		<u>Description</u>			
		Cubic Feet			





**Segment:** **AMT** Monetary Amount Information  
**Position:** 0200  
**Loop:** CTT  
**Level:** Summary  
**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>
AMT01	522		Amount Qualifier Code	M	ID	1/3
			<u>Code</u> <u>Description</u>			
			TT                Total Transaction Amount			
AMT02	782		Monetary Amount	M	R	1/18



**Segment:** **SE** Transaction Set Trailer  
**Position:** 0300  
**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



**850 Purchase Order Sample Data**

ISA\*00\* \*00\* \*08\*9272590000 \*ZZ\*XXXXXXXXXX \*140401\*1050\*\*^\*00501\*11111111\*0\*P\*>  
 GS\*PO\*9133211313\*XXXXXXXXXX\*20140303\*0921\*500000001\*X\*005010  
 ST\*850\*0001  
 BEG\*00\*NE\*69287\*\*20140303  
 PER\*BD\*Lee, Rhonda\*TE\*913-319-8527  
 SAC\*A\*D250\*\*\*1  
 DTM\*002\*20140312  
 N9\*TOC\*\*MSG FOLLOWS  
 MTX\*GEN\*18 MONTHS DATING REQUIRED  
 MTX\*GEN\*DONT SHIP FED EX GRND CONWAY  
 MTX\*GEN\*PRODUCT MUST SHIP ON PALLETS  
 N1\*ST\*Sample Ship To\*9\*123456789FSKS  
 N1\*BT\*Sample Bill To\*9\*123456789FSKS  
 N1\*VN\*Sample Vendor\*9\*1234567890000  
 FOB\*PP  
 TD5\*\*\*M  
 PO1\*1\*1\*CA\*151.2\*\*UA\*001234567890\*PI\*123456  
 PID\*F\*\*\*Sample 850 Item  
 SAC\*A\*D250\*\*\*\*1\*1\*1  
 CTT\*1\*6\*1\*LB\*1.982\*CF  
 AMT\*TT\*151.2  
 SE\*20\*0001  
 GE\*1\*500000001  
 IEA\*1\*111111111