



**810 Invoice**

**Functional Group=IN**

**Version 005010**

**Mapping Procedures and Tips on Associated Wholesale Grocers' 810 Document**

Associated Wholesale Grocers utilizes the 810 Grocery Products Invoice Set for all divisions within the company. The 810 Transaction Set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided. 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	BIG	Beginning Segment for Invoice	M	1	
0500	REF	Reference Information	O	1*	
LOOP ID – N1					200
0700	N1	Party Identification	M*	1	
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	1*	
1500	FOB	F.O.B. Related Instructions	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 – IT1					200000
0100	IT1	Baseline Item Data (Invoice)	M*	1	
0300	IT3	Additional Item Data	O	1*	
LOOP ID – PID					1*
0600	PID	Product/Item Description	O	1	
LOOP ID – SAC					>1
1800	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>
0100	TDS	Total Monetary Value Summary	M	1	
		LOOP ID – SAC			>1
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1	
		LOOP ID – ISS			>1
0600	ISS	Invoice Shipment Summary	O	1	
0700	CTT	Transaction Totals	O	1	
0800	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		M	ID	3/3
		<u>Code</u>	<u>Description</u>			
		810	Invoice			
ST02	329	Transaction Set Control Number		M	AN	4/9



**Segment:** **BIG** Beginning Segment for Invoice  
**Position:** 0200  
**Loop:** N/A  
**Level:** Header  
**Usage:** Mandatory  
**Max Use:** 1  
**Syntax Notes:**  
**Notes:** 1. BIG01 is the invoice issue 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>			
BIG01	373	Date	M	DT	8/8
BIG02	76	Invoice Number	M	AN	1/22
BIG04	324	Purchase Order Number	M*	AN	1/22



**Segment:** **REF** Reference Information

**Position:** 0500

**Loop:** N/A

**Level:** Header

**Usage:** Optional

**Max Use:** 1\*

**Syntax Notes:**

**Notes:** 1. Must be sent by produce suppliers.

**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	Reference Identification Qualifier	M	ID	2/3
		<u>Code</u> <u>Description</u>			
		4B          Shipment Origin Code			
REF02	127	Reference Identification	M*	AN	1/50



**Segment:** N1 Name  
**Position:** 0700  
**Loop:** N1  
**Level:** Header  
**Usage:** Mandatory\*  
**Max Use:** 1  
**Syntax Notes:**  
**Notes:**

1. Bill To, Ship To and Remit To are all required.
2. 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 Entity Identifier Code</b>	<b>M</b>	<b>ID</b>	<b>2/3</b>
	<u>Code</u> <u>Description</u>			
	BT      Bill-to-Party			
	RI      Remit To			
	ST      Ship To			
	VN      Vendor			
<b>N102</b>	<b>93 Name</b>	<b>M*</b>	<b>AN</b>	<b>1/60</b>
<b>N103</b>	<b>66 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 Identification Code</b>	<b>M*</b>	<b>AN</b>	<b>2/80</b>



**Segment:** **ITD** Terms of Sale/Deferred Terms of Sale  
**Position:** 1300  
**Loop:** N/A  
**Level:** Header  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:**

1. If ITD03 is present, then at least one of ITD04 or ITD05 is required.
2. If ITD08 is present, then at least one of ITD04 or ITD05 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>			
ITD03	338	Terms Discount Percent	O	R	1/6
ITD04	370	Terms Discount Due Date	X	DT	8/8
ITD05	351	Terms Discount Days Due	X	N0	1/3
ITD06	446	Terms Net Due Date	O	DT	8/8
ITD07	386	Terms Net Days	O	N0	1/3
ITD08	362	Terms Discount Amount	O	N2	1/10



**Segment:** **FOB** F.O.B. Related Instructions  
**Position:** 1500  
**Loop:** N/A  
**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>
<u>Des.</u>	<u>Element</u> <u>Name</u>			
FOB01	146 <b>Shipment Method of Payment</b>	M	ID	2/2
	<u>Code</u> <u>Description</u>			
	PC          Prepaid but Charged to Customer			
	PP          Prepaid (by Seller)			





**Segment: IT1 Baseline Item Data (Invoice)**

**Position:** 0100  
**Loop:** IT1  
**Level:** Detail  
**Usage:** Mandatory\*  
**Max Use:** 1

- Syntax Notes:**
1. If either IT106 or IT107 is present, then the other is required.
  2. If either IT108 or IT109 is present, then the other is required.
  3. If either IT110 or IT111 is present, then the other is required.

- Notes:**
1. IT3 segment is required when line item is invoiced in weight.
  2. At least one instance of IT106 and IT107 or IT108 and IT109 or IT110 and IT111 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>
IT102	358	Quantity Invoiced	M*	R	1/15
IT103	355	Unit or Basis for Measurement Code	M*	ID	2/2
IT104	212	Unit Price	M*	R	1/17
IT106	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		UA      U.P.C./EAN Case Code (2-5-5)			
IT107	234	Product/Service ID	X	AN	1/48
IT108	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		UD      U.P.C./EAN Consumer Package Code (2-5-5)			
		UE      U.P.C./EAN Module Code (2-5-5)			
		UI      U.P.C. Consumer Package Code (1-5-5)			
		UP      UCC - 12			
IT109	234	Product/Service ID	X	AN	1/48
IT110	235	Product/Service ID Qualifier	X	ID	2/2
		<u>Code</u> <u>Description</u>			
		IN      Buyer's Item Number			
		PI      Purchaser's Item Code			
IT111	234	Product/Service ID	X	AN	1/48



**Segment:** **IT3** Additional Item Data

**Position:** 0300

**Loop:** IT1

**Level:** Detail

**Usage:** Optional

**Max Use:** 1\*

**Syntax Notes:**

- Notes:** 1. This segment is required when item is invoiced in weight and will contain the units shipped.

**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>			
IT301	382	Number of Units Shipped	M*	R	1/10
IT302	355	Unit or Basis for Measurement Code	M*	ID	2/2



**Segment:** PID Product/Item Description  
**Position:** 0600  
**Loop:** IT1/PID  
**Level:** Detail  
**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>
PID01	349		Item Description Type	M	ID	1/1
			<u>Code</u> <u>Description</u>			
			F              Free-form			
PID05	352		Free-form Description	M*	AN	1/80



**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 1800  
**Loop:** IT1/SAC  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1. If either SAC09 or SAC10 is present, then the other is required.  
 2. At least one of SAC05 or SAC08 is required.

**Data Element Summary**

<u>Ref.</u>	<u>Data</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
		<b>See attached code list for accepted detail codes.</b>			
SAC05	610	<b>Amount</b>	O	N2	1/15
SAC08	118	<b>Rate</b>	O	R	1/9
SAC09	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2
SAC10	380	<b>Quantity</b>	X	R0*	1/15



**Segment:** **TDS** Total Monetary Value Summary  
**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>			
TDS01	610	Amount	M	N2	1/15



**Segment:** **SAC** Service, Promotion, Allowance, or Charge Information  
**Position:** 0400  
**Loop:** SAC  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Syntax Notes:** 1. If either SAC09 or SAC10 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>
SAC01	248	Allowance or Charge Indicator	M	ID	1/1
		<u>Code</u>		<u>Description</u>	
		A		Allowance	
		C		Charge	
SAC02	1300	Service, Promotion, Allowance, or Charge Code	M*	ID	4/4
		See attached code list for accepted summary codes.			
SAC05	610	Amount	M*	N2	1/15



**Segment:** **ISS** Invoice Shipment Summary  
**Position:** 0600  
**Loop:** ISS  
**Level:** Summary  
**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>			
ISS01	382	Number of Units Shipped	M*	R	1/10
ISS02	355	Unit or Basis for Measurement Code	M*	ID	2/2
ISS03	81	Weight	M*	R	1/10
ISS04	355	Unit or Basis for Measurement Code	M*	ID	2/2



### CTT Transaction Totals

**Position:** 0700  
**Loop:** CTT  
**Level:** Summary  
**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>
CTT01	354	Number of Line Items	M	N0	1/6
CTT02	347	Hash Total	M*	R	1/10





**Segment:** **SE** Transaction Set Trailer  
**Position:** 0800  
**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	NO	1/10
SE02	329	Transaction Set Control Number	M	AN	4/9



Detail level SAC02 codes:

<u>Code</u>	<u>Description</u>
A170	Adjustments
A260	Advertising Allowance
A390	Allowance for Consignment Merchandise
A400	Allowance Non-performance
A460	Arbitrary (In Addition to Through Rates and Charges)
A960	Carrier
B000	Central Buy
B130	Cigarette Stamping
B210	Co-op Credit
B280	Combination Performance and Non-performance
B780	Count and Recount
B800	Credit
B950	Damaged Merchandise
C000	Defective Allowance
C040	Delivery
C310	Discount
C320	Display Allowance
C540	Early Buy Allowance
D080	Floor Stock Protection
D170	Free Goods
D240	Freight
D250	Freshness/Leaker Allowance
D270	Fuel Surcharge
D290	Full Truckload Allowance
D320	Glaze
D350	Goods and Services Credit Allowance
D450	Grouped Items
D500	Handling
D740	In Transit Price Protection
E160	Label Allowance
E710	New Discount
E720	New Distribution Allowance
E730	New Item Allowance
E770	New Warehouse
E800	No Return Credit Allowance
F050	Other (See related description)
F130	Overtime Loading
F230	Penalty Charge
F280	Performance Allowance
F340	Pick/Up
F670	Price and Marketing Allowance
F800	Promotional Allowance
F910	Quantity Discount



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F920 Quantity Surcharge  
G080 Record/Filing  
G220 Refrigeration  
G880 Shrinkage Allowance  
G930 Slip Sheet Unloading Allowance  
G960 Slotting Allowance  
H000 Special Allowance  
H010 Special Buy  
H090 Special Handling  
H400 Stopcharge  
H560 Swell  
H850 Tax  
H930 Temporary Voluntary Allowance  
H970 Terms Allowance  
I010 Third Party Allowance  
I170 Trade Discount  
I410 Unsaleable Merchandise Allowance  
I570 Warehouse  
ZZZZ Mutually Defined



Summary level SAC02 codes:

<u>Code</u>	<u>Description</u>
A170	Adjustments
A960	Carrier
B130	Cigarette Stamping
C040	Delivery
D240	Freight
D270	Fuel Surcharge
D290	Full Truckload Allowance
E800	No Return Credit Allowance
F050	Other (See related description)
F180	Pallet
F340	Pick/Up
F670	Price and Marketing Allowance
F810	Promotional Discount
F910	Quantity Discount
G930	Slip Sheet Unloading Allowance
H400	Stopcharge
H850	Tax
H970	Terms Allowance
I410	Unsaleable Merchandise Allowance
I570	Warehouse



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**810 Invoice Sample Data**

ISA\*00\* \*00\* \*ZZ\*XXXXXXXXXX \*08\*9272590000 \*140401\*1050\*^\*00501\*000001582\*0\*P\*>  
GS\*IN\*XXXXXXXXXX\*9133211313\*20140401\*1050\*1582\*X\*005010  
ST\*810\*15820001  
BIG\*20140318\*IN033286\*\*14664  
REF\*4B\*United States  
N1\*RI\*Sample Remit TO\*9\*1234567890000  
N1\*ST\*ASSOCIATED WHOLESALE GROCERS, INC\*9\*006943062OCOK  
N1\*BT\*ASSOCIATED WHOLESALE GROCERS, INC.\*9\*006943062OCOK  
ITD\*\*\*2.0\*20140319\*10\*20140320\*30\*1960  
FOB\*PB  
IT1\*\*2\*CA\*10\*\*UA\*07003831206\*UP\*123456789012\*PI\*364505  
IT3\*1\*CA  
PID\*F\*\*\*Sample item  
SAC\*A\*D250\*\*\*1\*\*\*1\*CA\*1  
TDS\*900  
SAC\*A\*D270\*\*\*1  
ISS\*1\*CA\*1\*LB  
CTT\*1  
SE\*17\*15820001  
GE\*1\*1582  
IEA\*1\*000001582



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## **Modification History**

Version 1.1 – Detail Allowance Charge Quantity (SAC10) update to R0 type.

Version 1.2 – Summary Allowance Charge Codes: Removed B950, C000, D250, G080, G220, G880, and H560  
Updated Sample Data