

# Piggly Wiggly Carolina

850

Purchase Order

EDI Documentation Mapping

X.12

Version 4010



11-15-2005

# **Document Structure**

**ISA – Interchange Control - Mandatory**

**GS – Function Group Header - Mandatory**

**ST – Transaction Set Header - Mandatory**

**BEG – Beginning Segment for PO - Mandatory**

**REF – Reference start of Transaction Set - Optional**

**DTM – Date Reference - Mandatory**

**TD5 – Method or Type of Transportation**

**N1 – Name**

**N3 – Address Information**

**N4 – Geographic location**

**N1 – Name**

**PO1 – Indicate Item and qty being ordered**

**PO4 – Pack**

**CTT – Transaction Totals - Mandatory**

**SE – Transaction Set Trailer - Mandatory**

**GE – Functional Group Trailer - Mandatory**

**IEA - Interchange Control Trailer - Mandatory**

These Specifications contain the format for the data contents of the Purchase Order Transaction Set (850) for use within Electronic Data Interchange (EDI) for Piggly Wiggly Carolina.

The following are guidelines for setting up the 850 PO for Piggly Wiggly Carolina Co.

- We test in production so we will be sending P in the ISA15 indicating production
- We will send Paper PO's and EDI until both parties are comfortable the data is correct.
- We will be sending our UPC in the PO107 and expect it to be returned on the invoice in the IT107.
- The N104 is used to identify the comm Id for the supplier not the Dun's number. The Dun's number is not kept at Piggly Wiggly Carolina Co.

# Header

<b>Segment:</b> <b>BEG</b>
<b>Usage:</b> Mandatory
<b>Purpose:</b> To indicate the start of a transaction set and to assign a control number

## BEG Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
BEG01	353	<b>Transaction Set Purpose Code</b>	M ID 2/2
		Code identifying purpose of transaction set	
BEG02	92	<b>Purchase Order Type Code</b>	M ID 2/2
		Code specifying the type of Purchase Order	
BEG03	324	<b>Purchase Order Number</b>	M AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser	
BEG04	328	<b>Vendor Number</b>	O AN 1/30
		The number that Piggly Wiggly Carolina uses to identify the vendor	
BEG05	373	<b>Date</b>	M DT 8/8
		Date expressed as CCYYMMDD	

<b>Segment:</b> <b>REF</b> Transaction Set Header
<b>Usage:</b> Mandatory
<b>Purpose:</b> To indicate the start of a transaction set and to assign a control number

## REF Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
REF01	128	<b>Reference Identification Qualifier</b>	M ID 2/3
		Code qualifying the Reference Identification	
REF02	127	<b>Reference Number</b>	M AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

<b>Segment:</b> <b>DTM</b>
<b>Usage:</b> Mandatory
<b>Purpose:</b> To specify pertinent dates and times

**DTM Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
DTM01	374	<b>Date/Time Qualifier</b>	M ID 3/3
		002 = Common Carrier, 010 = Customer Pickup	
DTM02	373	<b>Date</b>	M DT 8/8
		Date expressed as CCYYMMDD	

<b>Segment:</b> <b>TD5</b>
<b>Usage:</b> Mandatory
<b>Purpose:</b> To specify the carrier and sequence of routing and provide transit time information

**TD5 Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
TD503	67	<b>Identification Code</b>	O ID 2/17
		Code Identifying a party or other Code	
<u>Ref. Des.</u>		<u>Name</u>	<u>Attributes</u>
TD504	91	<b>Transportation Method / Type Code</b>	M ID 1/2
		Code specifying the method or type of transportation for the shipment H = Customer Pickup, M = Common Carrier	

<b>Segment:</b> N1
<b>Usage:</b> Mandatory
<b>Purpose:</b> To identify a party by type of organization, name, and code

**N1 Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N101	98	<b>Entity Identifier Code</b>	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual Include one ship to and one remit to segment.	
N102	93	<b>Name</b>	O AN 1/60
		Free-form name It is recommended this field be sent in case a match is not found on the DUNS number provided.	
N103	66	<b>Identification Code Qualifier</b>	O ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
N104	67	<b>Identification Code</b>	O AN 2/80
		Code identifying a party or other code	

<b>Segment:</b> N3
<b>Usage:</b> Mandatory
<b>Purpose:</b> To specify the location of the named party

**N3 Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
N301	166	<b>Address Information</b>	M AN 1/55
		Address information	
N302	166	<b>Address Information</b>	O AN 1/55
		Address information	

<p><b>Segment:</b> <b>N4</b></p> <p><b>Usage:</b> Optional</p> <p><b>Purpose:</b> To specify the geographic place of the named party</p>
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**N4 Data Element Summary**

<b><u>Ref. Des.</u></b>	<b><u>Data Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
N401	19	<b>City Name</b>	O AN 2/30
		Free – form text for city name	
N402	156	<b>State or Province Code</b>	O ID 2/2
		Code (standard State/Province) as defined by appropriate government agency	
N403	116	<b>Postal Code</b>	O ID 3/15
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	

# Detail

<b>Segment:</b>	<b>PO1</b>
<b>Usage:</b>	Conditional
<b>Purpose:</b>	To specify basic and most frequently used line item data

## PO1 Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PO101	350	<b>Assigned Identification</b>	C AN 1/20
		Alphanumeric characters assigned for differentiation within a transaction set	
PO102	330	<b>Quantity Ordered</b>	C R 1/15
		Quantity ordered	
PO103	355	<b>Unit or Basis for Measurement Code</b>	C ID 2/2
		Code specifying the units in which a value being expressed, or manner in which a measurement has been taken	
PO104	212	<b>Unit Price</b>	C R 1/17
		Price per unit of product, service, commodity, etc.	
PO106	235	<b>Product/Service ID Qualifier</b>	C ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
PO107	234	<b>Product/Service ID</b>	C AN 1/48
		Identifying number for a product or service	

<b>Segment:</b>	<b>PID</b>
<b>Usage:</b>	Mandatory
<b>Purpose:</b>	To describe a product or process in coded or free-form format
<b>Note:</b>	The PID Segment is only sent to GroceryEC Suppliers

## PID Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PID01	349	<b>Item Description Type</b>	M ID 1/1
		Code indicating the format of a description	
PID05	352	<b>Description</b>	M AN 1/80
		A free-form description to clarify the related data elements and their content	



<b>Segment:</b> <b>PO4</b>
<b>Usage:</b> Mandatory
<b>Purpose:</b> To specify the physical qualities, packaging, weights, and dimensions relating to the item

**PO4 Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
PO401	356	<b>Pack</b>	M NO 1/6
		The number of inner containers or number of each. if there are no inner containers, per outer container	

<b>Segment:</b> <b>SAC</b>
<b>Usage:</b> Conditional
<b>Purpose:</b> To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**SAC Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SAC01	248	<b>Allowance or Charge Indicator</b>	M IS 1/1
		Code which indicates an allowance or charge for the service specified (We only send Allowance)	
SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	M ID 4/4
		Code identifying the service, promotion, allowance, or charge (We only send allowance)	
SAC08	118	<b>Rate</b>	M R 1/9
		Rate expressed in the standard monetary denomination for the currency specified	
SAC12	331	<b>Allowance or Charge Method of Handling Code</b>	M ID 2/2
		Code indicating method of handling for an allowance or charge	

# Summary

<b>Segment:</b> CTT
<b>Usage:</b> Mandatory
<b>Purpose:</b> To transmit a hash total for a specific element in the transaction set

## CTT Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
CTT01	354	<b>Number of Line Items</b>	M N0 1/6
		Total number of line items in the transaction set	
CTT02	347	<b>Hash Total</b>	O R 1/10
		Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.	

## Sample PO (Ordering by CA)

ISA\*00\* \*00\* \*01\*007919277A \*08\*REIFOO  
\*051025\*1127\*U\*00401\*000000068\*0\*P\*>~  
GS\*PO\*007919277A\*REIFOO\*20051025\*1127\*68\*X\*004010~  
ST\*850\*0157~  
BEG\*00\*NE\*5061\*\*20051025~  
DTM\*002\*20051108~  
TD5\*\*\*PP\*M~  
N1\*ST\*PIGGLY WIGGLY CAROLINA CO. \*9\*0079192770900~  
N3\*1125 NEWTON WAY~  
N4\*SUMMERVILLE\*SC\*29483~  
N1\*BT\*PIGGLY WIGGLY CAROLINA CO. \*9\*0079192770000~  
N1\*VN\*REILY FOOD CO/LUZIANNE\*9\*REIFOO~  
PO1\*\*90\*CA\*26.47\*\*UA\*004790010723\*IN\*01794~  
PO4\*12~  
SAC\*A\*F800\*\*\*\*\*1.5\*\*\*\*01~  
PO1\*\*66\*CA\*17.4\*\*UA\*007239610000\*IN\*02464~  
PO4\*12~  
SAC\*A\*F800\*\*\*\*\*1.8\*\*\*\*01~  
PO1\*\*276\*CA\*13.18\*\*UA\*004790013011\*IN\*05321~  
PO4\*8~  
SAC\*A\*F800\*\*\*\*\*1.6\*\*\*\*01~  
CTT\*3\*432~  
SE\*20\*0157~  
GE\*1\*68~  
IEA\*1\*000000068~

**Sample PO (Ordering By CA invoice returned in LB for Variable Weight)**

ISA\*00\* \*00\* \*01\*007919277A \*08\*9256510042  
\*050824\*1456\*U\*00401\*000000162\*0\*P\*>~  
GS\*PO\*007919277A\*3202317112\*20050824\*1456\*162\*X\*004010~  
ST\*850\*0465~  
BEG\*00\*NE\*5472\*\*20050824~  
DTM\*002\*20050906~  
TD5\*\*\*PP\*M~  
N1\*ST\*PIGGLY WIGGLY CAROLINA CO. \*9\*0079192770900~  
N3\*1125 NEWTON WAY~  
N4\*SUMMERVILLE\*SC\*29483~  
N1\*BT\*PIGGLY WIGGLY CAROLINA CO. \*9\*0079192770000~  
N1\*VN\*JENNIE-O FOODS\*9\*9256510042~  
PO1\*\*9\*CA\*36.87\*\*UA\*004222230509\*IN\*34768~  
PO4\*9~  
PO1\*\*27\*CA\*34.94\*\*UA\*004222230005\*IN\*34769~  
PO4\*9~  
CTT\*2\*36~  
SE\*15\*0465~  
GE\*1\*162~  
IEA\*1\*000000162~