

# **875 - Grocery Products Purchase Order**

**Version: 004010 UCS**

**Author: DOT FOODS, INC.**  
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# 875

# Grocery Products Purchase Order

Functional Group=OG

This Draft Standard for Trial Use contains the format establishes the data contents of the Grocery Products Purchase Order Transaction Set (875) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to the placement of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request delivery of finished goods from a broker or supplier organization. This transaction set should not be used to convey purchase order changes or purchase order acknowledgement information.

## Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

## Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	G50	Purchase Order Identification	M	1			Must use
050	G62	Date/Time	O	10			Used
060	NTE	Note/Special Instruction	O	20			Used
070	G66	Transportation Instructions	O	1			Used

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/090L</u>	
090	N1	Name	M	1		N1/090	Must use
110	N3	Address Information	O	2			Used
120	N4	Geographic Location	O	1			Used

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/090L</u>	
090	N1	Name	M	1		N1/090	Must use
110	N3	Address Information	O	2			Used
120	N4	Geographic Location	O	1			Used

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/090L</u>	
090	N1	Name	M	1		N1/090	Must use
110	N3	Address Information	O	2			Used
120	N4	Geographic Location	O	1			Used

## Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - 0300</u>					<u>9999</u>		
010	G68	Line Item Detail - Product	M	1			Must use
020	G69	Line Item Detail - Description	O	5			Used

## Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	G76	Total Purchase Order	M	1			Must use
020	SE	Transaction Set Trailer	M	1			Must use

## Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

**Notes:**

- 1/090L One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.
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# ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

To start and identify an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use	1
<p><b>Description:</b> Code to identify the type of information in the Authorization Information</p> <p><b>Code Name</b> 00 No Authorization Information Present (No Meaningful Information in I02)</p>							
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use	1
<p><b>Description:</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p>							
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use	1
<p><b>Description:</b> Code to identify the type of information in the Security Information</p> <p><b>Code Name</b> 00 No Security Information Present (No Meaningful Information in I04)</p>							
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use	1
<p><b>Description:</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p>							
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use	1
<p><b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p><b>Code Name</b> 08 UCC EDI Communications ID (Comm ID)</p>							
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use	1
<p><b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p> <p><b>Dot Foods: 9288030000</b></p>							
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use	1
<p><b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element</p>							

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		being qualified					
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use	1
		<b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them					
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use	1
		<b>Description:</b> Date of the interchange					
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use	1
		<b>Description:</b> Time of the interchange					
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use	1
		<b>Description:</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer <b>All valid X12 codes are used.</b>					
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use	1
		<b>Description:</b> This version number covers the interchange control segments					
		<b>Code Name</b> 00307 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996					
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use	1
		<b>Description:</b> A control number assigned by the interchange sender					
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use	1
		<b>Description:</b> Code sent by the sender to request an interchange acknowledgment (TA1)					
		<b>Code Name</b> 0 No Acknowledgment Requested					
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use	1
		<b>Description:</b> Code to indicate whether data enclosed by this interchange envelope is test, production or information					
		<b>Code Name</b> P Production Data					
ISA16	I15	<b>Component Element Separator</b>	M	ID	1/1	Must use	1
		<b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator					

# GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code identifying a group of application related transaction sets					
		<b>Code Name</b>					
		OG Order Group - Grocery (875, 876)					
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use	1
		<b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners					
		<b>Dot Foods: 9288030000</b>					
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use	1
		<b>Description:</b> Code identifying party receiving transmission. Codes agreed to by trading partners					
GS04	373	<b>Date</b>	M	DT	8/8	Must use	1
		<b>Description:</b> Date expressed as CCYYMMDD					
GS05	337	<b>Time</b>	M	TM	4/8	Must use	1
		<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)					
GS06	28	<b>Group Control Number</b>	M	N0	1/9	Must use	1
		<b>Description:</b> Assigned number originated and maintained by the sender					
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use	1
		<b>Description:</b> Code used in conjunction with Data Element 480 to identify the issuer of the standard					
		<b>Code Name</b>					
		T Transportation Data Coordinating Committee (TDCC)					
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use	1
		<b>Description:</b> Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including					

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed					
		<b><u>Code</u></b> <b><u>Name</u></b>					
		004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997					

**Semantics:**

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

**Comments:**

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

# ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use	1
		<b>Description:</b> Code uniquely identifying a Transaction Set					
		<b>Code Name</b>					
		875 Grocery Products Purchase Order					
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use	1
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

## Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

# G50 Purchase Order Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

To transmit identifying dates and numbers for this transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
G5001	473	<b>Order Status Code</b>	M	ID	1/1	Must use	1
		<b>Description:</b> Code identifying purpose of transaction set					
		<b>Code Name</b>					
		N Original					
G5002	373	<b>Date</b>	M	DT	8/8	Must use	1
		<b>Description:</b> Date expressed as CCYYMMDD					
G5003	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use	1
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser					

## Syntax Rules:

1. P0506 - If either G5005 or G5006 is present, then the other is required.

## Semantics:

1. G5002 is the date assigned by the purchaser to the purchase order.

# G62 Date/Time

Pos: 050	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>	
G6201	432	<b>Date Qualifier</b>	C	ID	2/2	Used	1	
		<b>Description:</b> Code specifying type of date						
		<b>Code Name</b>						
		02						Delivery Requested on This Date
		10						Requested Ship Date/Pick-up Date
G6202	373	<b>Date</b>	C	DT	8/8	Used	1	
		<b>Description:</b> Date expressed as CCYYMMDD						

## Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

# NTE Note/Special Instruction

Pos: 060	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

To transmit information in a free-form format, if necessary, for comment or special instruction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
NTE01	363	<b>Note Reference Code</b>	O	ID	3/3	Used	1
		<b>Description:</b> Code identifying the functional area or purpose for which the note applies					
NTE02	352	<b>Description</b>	M	AN	1/80	Must use	1
		<b>Description:</b> A free-form description to clarify the related data elements and their content					

## Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

# G66 Transportation Instructions

Pos: 070	Max: 1
Heading - Optional	
Loop: N/A	Elements: 1

User Option (Usage): Used

To specify transportation instructions relating to the shipment

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
G6602	91	Transportation Method/Type Code	O	ID	1/2	Used	1

**Description:** Code specifying the method or type of transportation for the shipment

**Code Name**

- H Customer Pickup
- M Motor (Common Carrier)

# N1 Name

Pos: 090	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

**User Option (Usage):** Must use

To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <b>Code Name</b> SF Ship From	M	ID	2/3	Must use	1
N102	93	<b>Name</b>  <b>Description:</b> Free-form name	C	AN	1/60	Used	1
N103	66	<b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <b>Code Name</b> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	C	ID	1/2	Used	1
N104	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Used	1

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N3 Address Information

Pos: 110	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use	1
		<b>Description:</b> Address information					
N302	166	<b>Address Information</b>	O	AN	1/55	Used	1
		<b>Description:</b> Address information					

# N4 Geographic Location

Pos: 120	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

User Option (Usage): Used

To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used	1
		<b>Description:</b> Free-form text for city name					
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used	1
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency					
N403	116	<b>Postal Code</b>	O	ID	3/15	Used	1
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					

## Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

# N1 Name

Pos: 090 Max: 1

Heading - Mandatory

Loop: 0100 Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b>  <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual  <b>Code Name</b> BT Bill-to-Party	M	ID	2/3	Must use	1
N102	93	<b>Name</b>  <b>Description:</b> Free-form name	C	AN	1/60	Used	1
N103	66	<b>Identification Code Qualifier</b>  <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)  <b>Code Name</b> 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	C	ID	1/2	Used	1
N104	67	<b>Identification Code</b>  <b>Description:</b> Code identifying a party or other code  <b>Dot Foods:</b> 0256712560000	C	AN	2/80	Used	1

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N3 Address Information

Pos: 110	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use	1
		<b>Description:</b> Address information					
N302	166	<b>Address Information</b>	O	AN	1/55	Used	1
		<b>Description:</b> Address information					

# N4 Geographic Location

Pos: 120	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

User Option (Usage): Used

To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used	1
		<b>Description:</b> Free-form text for city name					
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used	1
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency					
N403	116	<b>Postal Code</b>	O	ID	3/15	Used	1
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					

## Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

# N1 Name

Pos: 090	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

To identify a party by type of organization, name, and code

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	<b>Entity Identifier Code</b>	M	ID	2/3	Must use	1
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual					
		<b>Code Name</b>					
		ST Ship To					
N102	93	<b>Name</b>	C	AN	1/60	Used	1
		<b>Description:</b> Free-form name					
N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Used	1
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)					
		<b>Code Name</b>					
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix					
N104	67	<b>Identification Code</b>	C	AN	2/80	Used	1
		<b>Description:</b> Code identifying a party or other code					

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N3 Address Information

Pos: 110	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

To specify the location of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use	1
		<b>Description:</b> Address information					
N302	166	<b>Address Information</b>	O	AN	1/55	Used	1
		<b>Description:</b> Address information					

# N4 Geographic Location

Pos: 120	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

User Option (Usage): Used

To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N401	19	<b>City Name</b>	O	AN	2/30	Used	1
		<b>Description:</b> Free-form text for city name					
N402	156	<b>State or Province Code</b>	O	ID	2/2	Used	1
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency					
N403	116	<b>Postal Code</b>	O	ID	3/15	Used	1
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)					

## Syntax Rules:

1. C0605 - If N406 is present, then N405 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

# G68 Line Item Detail - Product

Pos: 010	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 8

User Option (Usage): Must use

To specify basic and most frequently used purchase order line item data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
G6801	330	<b>Quantity Ordered</b>	M	R0	1/15	Must use	1
		<b>Description:</b> Quantity ordered					
G6802	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		<b>Code Name</b>					
		CA Case					
		EA Each					
G6803	237	<b>Item List Cost</b>	O	R4	1/9	Used	1
		<b>Description:</b> Gross unit cost within the appropriate price bracket for a line item					
G6804	438	<b>U.P.C. Case Code</b>	C	AN	12/12	Used	1
		<b>Description:</b> Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)					
G6805	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used	1
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<b>Code Name</b>					
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)					
G6806	234	<b>Product/Service ID</b>	C	AN	1/48	Used	1
		<b>Description:</b> Identifying number for a product or service					
G6807	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used	1
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		<b>Code Name</b>					
		VN Vendor's (Seller's) Item Number					
G6808	234	<b>Product/Service ID</b>	C	AN	1/48	Used	1
		<b>Description:</b> Identifying number for a product or service					

**Syntax Rules:**

1. R0405 - At least one of G6804 or G6805 is required.
2. P0506 - If either G6805 or G6806 is present, then the other is required.
3. P0708 - If either G6807 or G6808 is present, then the other is required.
4. P1011 - If either G6810 or G6811 is present, then the other is required.

**Comments:**

1. G6802 qualifies G6801.

# G69 Line Item Detail - Description

Pos: 020	Max: 5
Detail - Optional	
Loop: 0300	Elements: 1

User Option (Usage): Used

To describe an item in free-form format

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
G6901	369	<b>Free-form Description</b>	M	AN	1/45	Must use	1

**Description:** Free-form descriptive text

# G76 Total Purchase Order

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
G7601	330	<b>Quantity Ordered</b>	M	R0	1/15	Must use	1
		<b>Description:</b> Quantity ordered					
G7602	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use	1
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		<b><u>Code</u> <u>Name</u></b>					
		CA Case					
G7603	81	<b>Weight</b>	C	R2	1/10	Used	1
		<b>Description:</b> Numeric value of weight					
G7604	355	<b>Unit or Basis for Measurement Code</b>	C	ID	2/2	Used	1
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		<b><u>Code</u> <u>Name</u></b>					
		LB Pound					

## Syntax Rules:

1. P0304 - If either G7603 or G7604 is present, then the other is required.
2. P0506 - If either G7605 or G7606 is present, then the other is required.
3. C0704 - If G7607 is present, then G7604 is required.

## Semantics:

1. G7608 indicates the total monetary amount of the purchase order as determined by the buyer.

## Comments:

1. G7602 qualifies G7601.

# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	<b>Number of Included Segments</b>	M	NO	1/10	Must use	1
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments					
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use	1
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					

## Comments:

1. SE is the last segment of each transaction set.

# GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
GE01	97	<b>Number of Transaction Sets Included</b>	M	NO	1/6	Must use	1
		<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element					
GE02	28	<b>Group Control Number</b>	M	NO	1/9	Must use	1
		<b>Description:</b> Assigned number originated and maintained by the sender					

## Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

## Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

# IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To define the end of an interchange of zero or more functional groups and interchange-related control segments

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
IEA01	I16	<b>Number of Included Functional Groups</b>	M	NO	1/5	Must use	1
		<b>Description:</b> A count of the number of functional groups included in an interchange					
IEA02	I12	<b>Interchange Control Number</b>	M	NO	9/9	Must use	1
		<b>Description:</b> A control number assigned by the interchange sender					