

875 - Grocery Products Purchase Order

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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.

If the G23 segment is used, it may be used in the header area or detail area, but not both.

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
030	N9	Reference Identification	O	50			Used
050	G62	Date/Time	M	10			Used
060	NTE	Note/Special Instruction	O	20			Used
070	G66	Transportation Instructions	M	1			Used

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/090L</u>	
090	N1	Name	M	1		N1/090	Must use

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/090L</u>	
090	N1	Name	M	1		N1/090	Must use
120	N4	Geographic Location	M	1			Used

<u>LOOP ID - 0100</u>					<u>10</u>	<u>N1/090L</u>	
090	N1	Name	M	1		N1/090	Must use
120	N4	Geographic Location	M	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	M	5			Used
030	G70	Line Item Detail - Miscellaneous	O	2			Used
040	N9	Reference Identification	O	10			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.
- 1/090 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	Authorization Information Qualifier	M	ID	2/2	Must use	1
		Description: Code to identify the type of information in the Authorization Information					
		Code Name					
		00 No Authorization Information Present (No Meaningful Information in I02)					
ISA02	I02	Authorization Information	M	AN	10/10	Must use	1
		Description: 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)					
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use	1
		Description: Code to identify the type of information in the Security Information					
		Code Name					
		00 No Security Information Present (No Meaningful Information in I04)					
ISA04	I04	Security Information	M	AN	10/10	Must use	1
		Description: 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)					
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified					
		All valid standard codes are used.					
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use	1
		Description: 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					
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified					
		Code Name					
		08 UCC EDI Communications ID (Comm ID)					

ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1
		Description: 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					
		User Note 1: 9288030000					
ISA09	I08	Interchange Date	M	DT	6/6	Must use	1
		Description: Date of the interchange					
ISA10	I09	Interchange Time	M	TM	4/4	Must use	1
		Description: Time of the interchange					
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use	1
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer					
		All valid standard codes are used.					
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		Description: Code specifying the version number of the interchange control segments					
		Code Name					
		00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997					
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use	1
		Description: A control number assigned by the interchange sender					
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use	1
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)					
		Code Name					
		0 No Acknowledgment Requested					
ISA15	I14	Usage Indicator	M	ID	1/1	Must use	1
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information					
		Code Name					
		P Production Data					
ISA16	I15	Component Element Separator	M		1/1	Must use	1
		Description: 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	Functional Identifier Code	M	ID	2/2	Must use	1
		Description: Code identifying a group of application related transaction sets					
		Code Name					
		OG Order Group - Grocery (875, 876)					
GS02	142	Application Sender's Code	M	AN	2/15	Must use	1
		Description: Code identifying party sending transmission; codes agreed to by trading partners					
GS03	124	Application Receiver's Code	M	AN	2/15	Must use	1
		Description: Code identifying party receiving transmission; codes agreed to by trading partners					
		User Note 1: 9288030000					
GS04	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
GS05	337	Time	M	TM	4/8	Must use	1
		Description: 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	Group Control Number	M	NO	1/9	Must use	1
		Description: Assigned number originated and maintained by the sender					
GS07	455	Responsible Agency Code	M	ID	1/2	Must use	1
		Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480					
		Code Name					
		T Transportation Data Coordinating Committee (TDCC)					
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use	1
		Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455					

<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>
		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					
		Code					
		Name					
	004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997					

User Note 1:
Value should be listed as 004010UCS.

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	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name					
		875 Grocery Products Purchase Order					
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: 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: 4

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	Order Status Code	M	ID	1/1	Must use	1
		Description: Code identifying purpose of transaction set					
		Code Name					
		N		Original			
G5002	373	Date	M	DT	8/8	Must use	1
		Description: Date expressed as CCYYMMDD					
G5003	324	Purchase Order Number	M	AN	1/22	Must use	1
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser					
G5007	92	Purchase Order Type Code	M	ID	2/2	Used	1
		Description: Code specifying the type of Purchase Order					
		User Note 1: G5007 must contain code DS for drop shipment orders.					
		Code Name					
		DS		Dropship			
		NE		New Order			

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.

N9 Reference Identification

Pos: 030	Max: 50
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
N901	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use	1
N902	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Used	1
N903	369	Free-form Description Description: Free-form descriptive text	O	AN	1/45	Used	1

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.

User Note 1:

This segment is used only when some unique internal number is required for tracing or problem resolution. See Section IV, Standards Conventions, for use of the N9 segment to identify associated purchase orders/invoices.

G62 Date/Time

Pos: 050	Max: 10
Heading - Mandatory	
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	Date Qualifier	M	ID	2/2	Used	1
		Description: Code specifying type of date					
		<u>Code</u>	<u>Name</u>				
		02	Delivery Requested on This Date				
G6202	373	Date	M	DT	8/8	Used	1
		Description: 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.

User Note 1:

This segment is used to provide delivery or pick-up date instructions.

When the expectation is for the supplier to arrange transportation, G6602 should contain code M and at least one iteration of the G62 segment should be sent with G6201 containing either code 02 or 10 and G6202 containing the associated date. When the expectation is for the customer to arrange transportation (customer pickup), G6602 should contain code H and one iteration of the G62 segment should be sent with G6201 containing code 10 and G6202 containing the associated date.

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	Note Reference Code Description: Code identifying the functional area or purpose for which the note applies	O	ID	3/3	Used	1
NTE02	352	Description Description: A free-form description to clarify the related data elements and their content	M	AN	1/80	Must use	1

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.

User Note 1:

This segment is normally not used in this transaction.

G66 Transportation Instructions

Pos: 070	Max: 1
Heading - Mandatory	
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	M	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	Entity Identifier Code	M	ID	2/3	Must use	1
		Description: Code identifying an organizational entity, a physical location, property or an individual					
		Code Name					
		BT Bill-to-Party					
N102	93	Name	M	AN	1/60	Used	1
		Description: Free-form name					
N103	66	Identification Code Qualifier	M	ID	1/2	Used	1
		Description: Code designating the system/method of code structure used for Identification Code (67)					
		Code Name					
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix					
N104	67	Identification Code	M	AN	2/80	Used	1
		Description: 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.

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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name ST Ship To	M	ID	2/3	Must use	1
N102	93	Name Description: Free-form name	M	AN	1/60	Used	1
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	M	ID	1/2	Used	1
N104	67	Identification Code Description: Code identifying a party or other code	M	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.

N4 Geographic Location

Pos: 120	Max: 1
Heading - Mandatory	
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	City Name	M	AN	2/30	Used	1
		Description: Free-form text for city name					
N402	156	State or Province Code	M	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	Postal Code	M	ID	3/15	Used	1
		Description: 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	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Code Name SN Store	M	ID	2/3	Must use	1
N102	93	Name Description: Free-form name	M	AN	1/60	Used	1
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) Code Name 92 Assigned by Buyer or Buyer's Agent	M	ID	1/2	Used	1
N104	67	Identification Code Description: Code identifying a party or other code	M	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.

User Note 1:

SN N1 Loop is optional & is used for cross dock program.

N4 Geographic Location

Pos: 120	Max: 1
Heading - Mandatory	
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	City Name	M	AN	2/30	Used	1
		Description: Free-form text for city name					
N402	156	State or Province Code	M	ID	2/2	Used	1
		Description: Code (Standard State/Province) as defined by appropriate government agency					
N403	116	Postal Code	M	ID	3/15	Used	1
		Description: 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	Quantity Ordered Description: Quantity ordered	M	R0	1/15	Must use	1
G6802	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken User Note 1: If G6802 contains code AS, the G6803 is not used.	M	ID	2/2	Must use	1
G6803	237	Item List Cost Description: Gross unit cost within the appropriate price bracket for a line item	O	R4	1/9	Used	1
G6804	438	U.P.C. Case Code Description: 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) User Note 1: G6804 is used only when G6802 contains code CA.	O	AN	12/12	Used	1
G6805	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) User Note 1: The codes listed for G6805 apply to every occurrence of data element 235 in the G68 segment. Code Name PI Purchaser's Item Code User Note 1: <i>Used only when the product does not have a U.P.C. number</i>	O	ID	2/2	Used	1
G6806	234	Product/Service ID Description: Identifying number for a product or service	O	AN	1/48	Used	1
G6807	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name VN Vendor's (Seller's) Item Number	O	ID	2/2	Used	1

G6808 234

Product/Service ID

O

AN

1/48

Used

1

Description: Identifying number for a product or service

User Note 1: *Dot's item number*

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.

User Note 1:

Effective with UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the use of 12-digit product identifiers, the G6804 (U.P.C. Case Code) will be marked as not used and will be replaced with the qualifier UK (U.P.C./EAN Shipping Container Code) (1-2-5-5-1) in G6805. The corresponding 14-digit product code will be reflected in DE234. This parallels the global transition to the 14-digit UCC/EAN-14 product identification numbering structure. In preparation for the transition, the UK qualifier and the corresponding 14-digit product code should be communicated in G6805 and G6806, respectively.

G69 Line Item Detail - Description

Pos: 020	Max: 5
Detail - Mandatory	
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	Free-form Description	M	AN	1/45	Must use	1

Description: Free-form descriptive text

G70 Line Item Detail - Miscellaneous

Pos: 030	Max: 2
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

To provide for miscellaneous information relative to a line item

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>
G7001	356	Pack	O	N0	1/6	Used	1
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container					
G7002	357	Size	O	R3	1/8	Used	1
		Description: Size of supplier units in pack					
G7003	355	Unit or Basis for Measurement Code	O	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					

Syntax Rules:

1. P0203 - If either G7002 or G7003 is present, then the other is required.

User Note 1:

This segment is required and G7001 is mandatory, when G6805 contains code UD, UI or UP.

N9 Reference Identification

Pos: 040	Max: 10
Detail - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Used

To transmit identifying information as specified by the Reference Identification Qualifier

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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		User Note 1: <i>Optional (used for cross-dock)</i>					
		Code Name					
		CO Customer Order Number					
N902	127	Reference Identification	O	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		User Note 1: <i>Optional (used for cross-dock)</i>					

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.

User Note 1:

This segment is used only when some unique internal number is required for tracing or problem resolution. See Section IV, Standards Conventions, for use of the N9 segment to identify associated purchase orders/invoices.

G76 Total Purchase Order

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 6

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	Quantity Ordered	M	R0	1/15	Must use	1
		Description: Quantity ordered					
		User Note 1: <i>G7601 contains the hash total of all G6801 values.</i>					
G7602	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		Code	Name				
		UN	Unit				
		User Note 1: <i>Total number of units (cases, pounds, etc.)</i>					
G7603	81	Weight	O	R2	1/10	Used	1
		Description: Numeric value of weight					
G7604	355	Unit or Basis for Measurement Code	O	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		Code	Name				
		LB	Pound				
		OZ	Ounce - Av				
G7605	183	Volume	O	R3	1/8	Used	1
		Description: Value of volumetric measure					
G7606	355	Unit or Basis for Measurement Code	O	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		Code	Name				
		CF	Cubic Feet				

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	Number of Included Segments	M	NO	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: 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	Number of Transaction Sets Included	M	NO	1/6	Must use	1
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element					
GE02	28	Group Control Number	M	NO	1/9	Must use	1
		Description: 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	Number of Included Functional Groups	M	NO	1/5	Must use	1
		Description: A count of the number of functional groups included in an interchange					
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use	1
		Description: A control number assigned by the interchange sender					

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