

888 - Item Maintenance

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Publication: March 28, 2006

888 Item Maintenance

Functional Group=QG

This Draft Standard for Trial Use provides the format and establishes the data contents of the Item Maintenance Transaction Set (888) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set is used to enable a manufacturer, supplier, broker, or agent to provide detailed finished goods product information to a partner in a consumer goods market. This transaction set can be used to provide information about new products or changes in existing product specifications. Price changes will not be sent with this transaction set, but can be sent with the Price Change Transaction Set (879).

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			Used
	GS	Functional Group Header	M	1			Used

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
LOOP ID - 0100					≥1	N1/020L	
020	N1	Name	M	1		N1/020	Must use
LOOP ID - 0100					≥1	N1/020L	
020	N1	Name	M	1		N1/020	Must use
086	G62	Date/Time	M	1			Must use

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>
LOOP ID - 0300					≥1		
010	G53	Maintenance Type	M	1			Must use
020	G62	Date/Time	M	3		N2/020	Used
020	G62	Date/Time	M	3		N2/020	Used
LOOP ID - 0310					≥1		
040	G39	Item Characteristics - Vendor's Selling Unit	M	1			Must use
050	G69	Line Item Detail - Description	M	5			Used
100	G43	Promotion/Price List Area	M	9999			Used
151	N9	Reference Identification	M	10			Used
151	N9	Reference Identification	O	10			Used
151	N9	Reference Identification	O	10			Used
151	N9	Reference Identification	O	10			Used
LOOP ID - 0312					≥1		
165	G55	Item Characteristics - Consumer Unit	M	1			Used
170	G69	Line Item Detail - Description	O	5			Used
200	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

ISA Interchange Control Header

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

User Option (Usage): Used

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
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>Code Name</p> <p>00 No Authorization Information Present (No Meaningful Information in I02)</p>							
ISA02	I02	Authorization Information	M	AN	10/10	Must use	1
<p>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)</p>							
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use	1
<p>Description: Code to identify the type of information in the Security Information</p> <p>Code Name</p> <p>00 No Security Information Present (No Meaningful Information in I04)</p>							
ISA04	I04	Security Information	M	AN	10/10	Must use	1
<p>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)</p>							
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p>							
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use	1
<p>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</p>							
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use	1
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>Code Name</p> <p>08 UCC EDI Communications ID (Comm ID)</p>							

ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use	1
		<p>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</p> <p>Dot Foods: 9288030000</p>					
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
		<p>Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer</p> <p>All valid standard codes are used.</p>					
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		Description: This version number covers the interchange control segments					
		<p>Code Name</p> <p>00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>					
ISA13	I12	Interchange Control Number	M	NO	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)					
		<p>Code Name</p> <p>0 No Acknowledgment Requested</p>					
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					
		<p>Code Name</p> <p>P Production Data</p>					
ISA16	I15	Component Element Separator	M		1/1	Must use	1
		<p>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</p>					

GS Functional Group Header

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

User Option (Usage): Used

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					
		QG Product Information (878, 879, 888, 889, 893, 896)					
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					
		Dot Foods: 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 used in conjunction with Data Element 480 to identify the issuer of the standard					
		Code Name					
		X Accredited Standards Committee X12					
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					

<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					
		<u>Code</u> <u>Name</u>					
		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	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name					
		888 Item Maintenance					
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).

N1 Name

Pos: 020	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					
		VN Vendor					
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: 020	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					
		BY Buying Party (Purchaser)					
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					
		Dot Foods: Dot's Duns Number: 0256712560000					

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.

G62 Date/Time

Pos: 086	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

User Option (Usage): Must use

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							
Code Name							
09 Process Date							
G6202	373	Date	M	DT	8/8	Used	1
Description: Date expressed as CCYYMMDD							
G6203	176	Time Qualifier	O	ID	1/2	Used	1
Description: Code specifying the reported time							
Code Name							
W Effective Time							
G6204	337	Time	O	TM	4/8	Used	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)							

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.

G53 Maintenance Type

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

User Option (Usage): Must use

To identify the specific type of item maintenance

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>
G5301	875	Maintenance Type Code	M	ID	3/3	Must use	1

Description: Code identifying the specific type of item maintenance

Code Name

- 001 Change
- 002 Delete
- 003 Add Full Item Detail

G62 Date/Time

Pos: 020	Max: 3
Detail - Mandatory	
Loop: 0300	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					
		Code Name					
		87 First Order 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.

G62 Date/Time

Pos: 020	Max: 3
Detail - Mandatory	
Loop: 0300	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					
		Code Name					
		88 First Ship 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.

G39 Item Characteristics - Vendor's Selling Unit

Pos: 040	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 24

User Option (Usage): Must use

To identify a vendor's selling unit or to provide physical characteristics relative to a vendor's selling unit

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>
G3902	235	Product/Service ID Qualifier	M	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Code Name					
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)					
G3903	234	Product/Service ID	M	AN	1/48	Used	1
		Description: Identifying number for a product or service					
		Dot Foods: 14 digit case GTIN (SCC-14)					
G3904	152	Special Handling Code	M	ID	2/3	Used	1
		Description: Code specifying special transportation handling instructions					
		Code Name					
		DNF Do Not Freeze					
		FRZ Accepted by Carrier at Owner's Risk of Freezing					
		MRF Refrigerated					
G3905	395	Unit Weight	M	R	1/8	Used	1
		Description: Numeric value of weight per unit					
G3906	187	Weight Qualifier	M	ID	1/2	Used	1
		Description: Code defining the type of weight					
		Code Name					
		G Gross Weight					
G3907	188	Weight Unit Code	M	ID	1/1	Used	1
		Description: Code specifying the weight unit					
		Code Name					
		L Pounds					
G3908	65	Height	M	R	1/8	Used	1
		Description: Vertical dimension of an object measured when the object is in the upright position					
G3909	355	Unit or Basis for Measurement Code	M	ID	2/2	Used	1
		Description: Code specifying the units in which a value is being expressed, or					

<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>
		manner in which a measurement has been taken					
		<u>Code Name</u>					
		IN Inch					
G3910	189	Width	M	R	1/8	Used	1
		Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position					
G3911	355	Unit or Basis for Measurement Code	M	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					
		<u>Code Name</u>					
		IN Inch					
G3912	82	Length	M	R	1/8	Used	1
		Description: Largest horizontal dimension of an object measured when the object is in the upright position					
G3913	355	Unit or Basis for Measurement Code	M	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					
		<u>Code Name</u>					
		IN Inch					
G3914	183	Volume	M	R	1/8	Used	1
		Description: Value of volumetric measure					
G3915	355	Unit or Basis for Measurement Code	M	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					
		<u>Code Name</u>					
		CF Cubic Feet					
G3916	416	Pallet Block and Tiers	M	N0	6/6	Used	1
		Description: Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet					
G3917	356	Pack	M	N0	1/6	Used	1
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container					
G3918	357	Size	M	R	1/8	Used	1
		Description: Size of supplier units in pack					
G3919	355	Unit or Basis for Measurement Code	M	ID	2/2	Used	1

<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>
		<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>Code Name</p> <p>12 Packet 1N Count BA Bale BD Bundle BK Book CN Can CU Cup DI Dispenser DZ Dozen EA Each GA Gallon GR Gram KG Kilogram LB Pound LT Liter ML Milliliter OZ Ounce - Av PR Pair QT Quart RL Roll ST Set V2 Pouch</p>					
G3920	397	Color	O	AN	1/10	Used	1
		Description: Free-form description of color					
G3921	398	Order Sizing Factor	O	R	1/10	Used	1
		Description: A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes					
G3923	235	Product/Service ID Qualifier	C	ID	2/2	Used	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Dot Foods: Only send G3923 if communicating replacement item.					
		Code Name					
		UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)					
G3924	234	Product/Service ID	C	AN	1/48	Used	1
		Description: Identifying number for a product or service					
		Dot Foods: Only send G3924 if communicating replacement item.					
G3925	187	Weight Qualifier	M	ID	1/2	Used	1
		Description: Code defining the type of weight					

<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>
		Code Name					
		E Estimated Net Weight					
		Dot Foods:					
		<i>E = Catch Weight items</i>					
		N Actual Net Weight					
G3926	395	Unit Weight	M	R	1/8	Used	1
		Description: Numeric value of weight per unit					

Syntax Rules:

1. R0102 - At least one of G3901 or G3902 is required.
2. P0203 - If either G3902 or G3903 is present, then the other is required.
3. P050607 - If either G3905, G3906 or G3907 are present, then the others are required.
4. P0607 - If either G3906 or G3907 is present, then the other is required.
5. P0809 - If either G3908 or G3909 is present, then the other is required.
6. P1011 - If either G3910 or G3911 is present, then the other is required.
7. P1213 - If either G3912 or G3913 is present, then the other is required.
8. P1415 - If either G3914 or G3915 is present, then the other is required.
9. P1819 - If either G3918 or G3919 is present, then the other is required.
10. P2324 - If either G3923 or G3924 is present, then the other is required.
11. P2526 - If either G3925 or G3926 is present, then the other is required.

G69 Line Item Detail - Description

Pos: 050	Max: 5
Detail - Mandatory	
Loop: 0310	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

G43 Promotion/Price List Area

Pos: 100	Max: 9999
Detail - Mandatory	
Loop: 0310	Elements: 4

User Option (Usage): Used

To specify the geographic area in which a promotion or price is in effect

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>
G4301	771	Market Area Code Qualifier	M	ID	1/3	Must use	1
		Description: Code qualifying the identifier represented in "Market Area Code Identifier (767)"					
		Code Name					
		001				Pricing Market	
		006				All Stores	
G4302	767	Market Area Code Identifier	C	AN	1/12	Used	1
		Description: A unique identification of a market area					
G4303	352	Description	C	AN	1/80	Used	1
		Description: A free-form description to clarify the related data elements and their content					
G4304	687	Class of Trade Code	O	ID	2/2	Used	1
		Description: Code indicating class of trade					
		Code Name					
		BG				Buying Group	
		CR				Chain Store Retail	
		CY				Convenience Store	
		DR				Drug Store	
		FS				Food Service	
		GR				General Retail	
		IR				Independent Retail	
		PY				Private Label	
		WH				Wholesaler	

Semantics:

1. If G4301 is "001", "002", or "004", then G4302 is required. If G4301 is "003", then G4303 is required.

N9 Reference Identification

Pos: 151	Max: 10
Detail - Mandatory	
Loop: 0310	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					
		Code Name					
		MF Manufacturers Part Number					
N902	127	Reference Identification	M	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

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.
2. N907 contains data relating to the value cited in N902.

N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	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	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		Code Name					
		4P Affiliation Number					
N902	127	Reference Identification	C	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
		Dot Foods: Affiliation Numbers:					
		34 = All Kitchens/ProGroup					
		31 = Bellissimo Foods					
		14 = Federated					
		15 = Food Service of America					
		09 = Frosty Acres					
		19 = Golbon					
		45 = IMA					
		00 = Independent					
		12 = Pleezing/ProGroup					
		77 = Pocahontas/ProGroup					
		40 = Select Marketing					
		05 = Sysco					
		04 = Unipro					
		29 = US Foodservice					
		99 = Other					
N903	369	Free-form Description	C	AN	1/45	Used	1
		Description: Free-form descriptive text					
		Dot Foods: Affiliation Name (Buying Group)					

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.
2. N907 contains data relating to the value cited in N902.

N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	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	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		Code Name					
		PG	Product Group				
		Dot Foods:					
		<i>PG = IFDA Category</i>					
N902	127	Reference Identification	C	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
N903	369	Free-form Description	C	AN	1/45	Used	1
		Description: Free-form descriptive text					
		Dot Foods: <i>IFDA Category Description</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.
2. N907 contains data relating to the value cited in N902.

N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	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	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		Code Name					
		PRT Product Type					
		Dot Foods:					
		<i>PRT = IFDA Class</i>					
N902	127	Reference Identification	C	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					
N903	369	Free-form Description	C	AN	1/45	Used	1
		Description: Free-form descriptive text					
		Dot Foods: <i>IFDA Class Description</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.
2. N907 contains data relating to the value cited in N902.

G55 Item Characteristics - Consumer Unit

Pos: 165	Max: 1
Detail - Mandatory	
Loop: 0312	Elements: 23

User Option (Usage): Used

To provide physical characteristics relative to a consumer unit

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>
G5501	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)					
		Code Name					
		UD	U.P.C./EAN Consumer Package Code (2-5-5)				
		UI	U.P.C. Consumer Package Code (1-5-5)				
		UP	U.P.C. Consumer Package Code (1-5-5-1)				
G5502	234	Product/Service ID	M	AN	1/48	Must use	1
		Description: Identifying number for a product or service					
G5505	65	Height	C	R	1/8	Used	1
		Description: Vertical dimension of an object measured when the object is in the upright position					
G5506	355	Unit or Basis for Measurement Code	C	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					
		IN	Inch				
G5507	189	Width	C	R	1/8	Used	1
		Description: Shorter measurement of the two horizontal dimensions measured with the object in the upright position					
G5508	355	Unit or Basis for Measurement Code	C	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					
		IN	Inch				
G5509	82	Length	C	R	1/8	Used	1
		Description: Largest horizontal dimension of an object measured when the object is in the upright position					
G5510	355	Unit or Basis for Measurement Code	C	ID	2/2	Used	1

<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>
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		Code Name IN Inch					
G5511	183	Volume	C	R	1/8	Used	1
		Description: Value of volumetric measure					
G5512	355	Unit or Basis for Measurement Code	C	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					
G5513	356	Pack	O	NO	1/6	Used	1
		Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container					
G5514	357	Size	C	R	1/8	Used	1
		Description: Size of supplier units in pack					
G5515	355	Unit or Basis for Measurement Code	C	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					
G5519	880	Dated Product Number of Days	M	NO	1/4	Used	1
		Description: Used to designate the number of days open dated product must 'sell by' from date of manufacture					
		Dot Foods: <i>Shelf Life</i>					
G5521	1073	Yes/No Condition or Response Code	M	ID	1/1	Recommended	1
		Description: Code indicating a Yes or No condition or response					
		Dot Foods: <i>Kosher Certified</i>					
		Code Name N No Y Yes					
G5522	397	Color	O	AN	1/10	Used	1
		Description: Free-form description of color					
G5523	395	Unit Weight	C	R	1/8	Used	1
		Description: Numeric value of weight per unit					

<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>
G5524	187	Weight Qualifier Description: Code defining the type of weight Code Name G Gross Weight	C	ID	1/2	Used	1
G5526	395	Unit Weight Description: Numeric value of weight per unit	C	R	1/8	Used	1
G5527	187	Weight Qualifier Description: Code defining the type of weight Code Name N Actual Net Weight	C	ID	1/2	Used	1
G5529	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) Code Name UD U.P.C./EAN Consumer Package Code (2-5-5) UI U.P.C. Consumer Package Code (1-5-5) UP U.P.C. Consumer Package Code (1-5-5-1)	C	ID	2/2	Used	1
G5530	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used	1
G5531	369	Free-form Description Description: Free-form descriptive text	O	AN	1/45	Used	1

Syntax Rules:

1. P0304 - If either G5503 or G5504 is present, then the other is required.
2. P0506 - If either G5505 or G5506 is present, then the other is required.
3. P0708 - If either G5507 or G5508 is present, then the other is required.
4. P0910 - If either G5509 or G5510 is present, then the other is required.
5. P1112 - If either G5511 or G5512 is present, then the other is required.
6. P1415 - If either G5514 or G5515 is present, then the other is required.
7. P232425 - If either G5523, G5524 or G5525 are present, then the others are required.
8. P262728 - If either G5526, G5527 or G5528 are present, then the others are required.
9. P2930 - If either G5529 or G5530 is present, then the other is required.

Semantics:

1. G5521 indicates if the product is prepriced. Code "Y" indicates the product is prepriced. Code "N" indicates the product is not prepriced.

Comments:

1. G5516 is limited to 16 characters.

G69 Line Item Detail - Description

Pos: 170	Max: 5
Detail - Optional	
Loop: 0312	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

SE Transaction Set Trailer

Pos: 200	Max: 1
Detail - 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					