

888 - ITEM MAINTENANCE

Company: DOT FOODS, INC.
Publication: 7/14/2009

888 Item Maintenance

Functional Group=QG

Purpose: 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

<u>LOOP ID - 0100</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
020	N1	Name	M	1	≥1	N1/020	Must use

<u>LOOP ID - 0100</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
020	N1	Name	M	1	≥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>
<u>LOOP ID - 0300</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	G53	Maintenance Type	M	1	≥1		Must use
020	G62	Date/Time	M	3		N2/020	Used

<u>LOOP ID - 0310</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
040	G39	Item Characteristics - Master Pack (Case)	M	1	≥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

<u>LOOP ID - 0312</u>					<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
165	G55	Item Characteristics - Consumer Unit	M	1	≥1		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

Purpose: 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>CodeList Summary (Total Codes: 7, Included: 1)</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>CodeList Summary (Total Codes: 2, Included: 1)</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>							

<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>
		CodeList Summary (Total Codes: 38, Included: 1)					
		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					
		Dot Foods: 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. (Total Codes: 1)					
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use	1
		Description: This version number covers the interchange control segments					
		CodeList Summary (Total Codes: 14, Included: 1)					
		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)					
		CodeList Summary (Total Codes: 2, Included: 1)					
		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					
		CodeList Summary (Total Codes: 3, Included: 1)					

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): Used

Purpose: 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
<p>Description: Code identifying a group of application related transaction sets</p> <p>CodeList Summary (Total Codes: 234, Included: 1)</p> <p>Code Name</p> <p>QG Product Information (878, 879, 888, 889, 893, 896)</p>							
GS02	142	Application Sender's Code	M	AN	2/15	Must use	1
<p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p>							
GS03	124	Application Receiver's Code	M	AN	2/15	Must use	1
<p>Description: Code identifying party receiving transmission. Codes agreed to by trading partners</p> <p>Dot Foods: 9288030000</p>							
GS04	373	Date	M	DT	8/8	Must use	1
<p>Description: Date expressed as CCYYMMDD</p>							
GS05	337	Time	M	TM	4/8	Must use	1
<p>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)</p>							
GS06	28	Group Control Number	M	NO	1/9	Must use	1
<p>Description: Assigned number originated and maintained by the sender</p>							
GS07	455	Responsible Agency Code	M	ID	1/2	Must use	1
<p>Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <p>Code Name</p> <p>X Accredited Standards Committee X12</p>							
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use	1
<p>Description: Code indicating the</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>
		version, release, subrelease, and industry identifier of the EDI standard being used, including 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					
		CodeList Summary (Total Codes: 36, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997				

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

Purpose: 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					
		CodeList Summary (Total Codes: 298, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		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					

N1 Name

Pos: 020	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 4

User Option (Usage): Must use

Purpose: 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					
		CodeList Summary (Total Codes: 1312, Included: 1)					
		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)					
		CodeList Summary (Total Codes: 215, Included: 1)					
		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

Purpose: 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					
		CodeList Summary (Total Codes: 1312, Included: 1)					
		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)					
		CodeList Summary (Total Codes: 215, Included: 1)					
		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

Purpose: 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							
CodeList Summary (Total Codes: 137, Included: 1)							
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							
CodeList Summary (Total Codes: 42, Included: 1)							
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

Purpose: 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

CodeList Summary (Total Codes: 103, Included: 3)

<u>Code</u>	<u>Name</u>
001	Change
002	Delete
003	Add Full Item Detail

Dot Foods:

If sending a full load of existing items that we already have set up in our system, the maintenance type should be "001 - Change". Only new items should be communicated with a maintenance type of "003 - Add".

G62 Date/Time

Pos: 020	Max: 3
Detail - Mandatory	
Loop: 0300	Elements: 2

User Option (Usage): Used

Purpose: 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

CodeList Summary (Total Codes: 137, Included: 3)

Code Name

36 Expiration Date

Dot Foods:

Send for item deletions.

87 First Order Date

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.

Dot Foods:

Indicates date that new product is available, item deletion is effective or item change is effective.

If sending the initial full load, please send the same date for all items.

G39 Item Characteristics - Master Pack (Case)

Pos: 040	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 21

User Option (Usage): Must use

Purpose: 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
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 477, Included: 1)</p> <p>Code Name</p> <p>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)</p>							
G3903	234	Product/Service ID	M	AN	1/48	Used	1
<p>Description: Identifying number for a product or service</p> <p>Dot Foods: 14 digit case GTIN (SCC-14)</p>							
G3904	152	Special Handling Code	M	ID	2/3	Used	1
<p>Description: Code specifying special transportation handling instructions</p> <p>Dot Foods: Storage Temperature</p> <p>CodeList Summary (Total Codes: 526, Included: 3)</p> <p>Code Name</p> <p>DNF Do Not Freeze</p> <p>Dot Foods:</p> <p>Dry</p> <p>FRZ Accepted by Carrier at Owner's Risk of Freezing</p> <p>Dot Foods:</p> <p>Frozen</p> <p>MRF Refrigerated</p> <p>Dot Foods:</p> <p>Refrigerated</p>							
G3905	395	Unit Weight	M	R	1/8	Used	1
<p>Description: Numeric value of weight per unit</p>							
G3906	187	Weight Qualifier	M	ID	1/2	Used	1
<p>Description: Code defining the type of weight</p> <p>CodeList Summary (Total Codes: 51, Included: 1)</p> <p>Code Name</p> <p>G Gross Weight</p> <p>Dot Foods:</p> <p>Shipping weight including packaging.</p>							
G3907	188	Weight Unit Code	M	ID	1/1	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 weight unit					
		CodeList Summary (Total Codes: 8, Included: 1)					
		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 manner in which a measurement has been taken					
		CodeList Summary (Total Codes: 794, Included: 1)					
		Code Name					
		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					
		CodeList Summary (Total Codes: 794, Included: 1)					
		Code Name					
		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					
		CodeList Summary (Total Codes: 794, Included: 1)					
		Code Name					
		IN Inch					
G3914	183	Volume	M	R	1/8	Used	1
		Description: Value of volumetric measure					
		Dot Foods: Cube					
G3915	355	Unit or Basis for Measurement Code	M	ID	2/2	Used	1
		Description: Code specifying the units					

<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 which a value is being expressed, or manner in which a measurement has been taken					
		CodeList Summary (Total Codes: 794, Included: 1)					
		Code Name					
		CF Cubic Feet					
G3916	416	Pallet Block and Tiers	M	NO	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	NO	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	Must use	1
		Description: Size of supplier units in pack					
G3919	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					

CodeList Summary (Total Codes: 794, Included: 23)

Code Name

12 Packet
1N Count
BA Bale
BD Bundle
BK Book
CN Can
CU Cup
DI Dispenser
DZ Dozen
EA Each
FO Fluid Ounce
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

<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>														
G3921	398	Order Sizing Factor	O	R	1/10	Used	1														
<p>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</p> <p>Dot Foods: Also known as Cube Ordering Factor or Cube Adjusted Weight.</p>																					
G3925	187	Weight Qualifier	M	ID	1/2	Used	1														
<p>Description: Code defining the type of weight</p> <p>CodeList Summary (Total Codes: 51, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>E</td> <td>Estimated Net Weight</td> </tr> <tr> <td colspan="2">Dot Foods:</td> </tr> <tr> <td colspan="2">E = Catch Weight items (variable weight)</td> </tr> <tr> <td>N</td> <td>Actual Net Weight</td> </tr> <tr> <td colspan="2">Dot Foods:</td> </tr> <tr> <td colspan="2">N = Product weight excluding packaging.</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	E	Estimated Net Weight	Dot Foods:		E = Catch Weight items (variable weight)		N	Actual Net Weight	Dot Foods:		N = Product weight excluding packaging.	
<u>Code</u>	<u>Name</u>																				
E	Estimated Net Weight																				
Dot Foods:																					
E = Catch Weight items (variable weight)																					
N	Actual Net Weight																				
Dot Foods:																					
N = Product weight excluding packaging.																					
G3926	395	Unit Weight	M	R	1/8	Used	1														
<p>Description: Numeric value of weight per unit</p>																					

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

Purpose: 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

Dot Foods: Item Description

G43 Promotion/Price List Area

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

User Option (Usage): Used

Purpose: 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)"

CodeList Summary (Total Codes: 12, Included: 1)

Code Name

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	M	ID	2/2	Used	1
-------	-----	----------------------------	---	----	-----	------	---

Description: Code indicating class of trade

Dot Foods: The primary channel in which the product is sold. Only one value should be sent per item.

CodeList Summary (Total Codes: 52, Included: 10)

Code Name

BG Buying Group
 CR Chain Store Retail
 CY Convenience Store
 DR Drug Store
 FS Food Service
 GR General Retail
 ID Industrial
 IR Independent Retail
 PY Private Label
 WH Wholesaler

N9 Reference Identification

Pos: 151	Max: 10
Detail - Mandatory	
Loop: 0310	Elements: 2

User Option (Usage): Used

Purpose: 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							
CodeList Summary (Total Codes: 1503, Included: 1)							
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							
Dot Foods: Manufacturer's item number (SKU)							

Syntax Rules:

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

N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	Elements: 2

User Option (Usage): Used

Purpose: 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							
CodeList Summary (Total Codes: 1503, Included: 1)							
Code Name							
4P Affiliation Number							
N903	369	Free-form Description	C	AN	1/45	Used	1
Description: Free-form descriptive text							
Dot Foods: Affiliation Name (Buying Group or National Account)							

Syntax Rules:

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

Dot Foods:

Used to indicate if the product is available to be sold only to a certain group of customers based on buying group or national account affiliation.

N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	Elements: 3

User Option (Usage): Used

Purpose: 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

CodeList Summary (Total Codes: 1503, Included: 1)

Code Name

PG Product Group

Dot Foods:

PG = IFDA Category

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: IFDA Category Number

N903	369	Free-form Description	C	AN	1/45	Used	1
------	-----	-----------------------	---	----	------	------	---

Description: Free-form descriptive text

Dot Foods: IFDA Category Description

Syntax Rules:

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

Dot Foods:

Optional

N9 Reference Identification

Pos: 151	Max: 10
Detail - Optional	
Loop: 0310	Elements: 3

User Option (Usage): Used

Purpose: 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

CodeList Summary (Total Codes: 1500, Included: 1)

Code Name

PRT Product Type

Dot Foods:

PRT = IFDA Class

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: IFDA Class Number.

N903	369	Free-form Description	C	AN	1/45	Used	1
------	-----	-----------------------	---	----	------	------	---

Description: Free-form descriptive text

Dot Foods: IFDA Class Description

Syntax Rules:

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

Dot Foods:

Optional

G55 Item Characteristics - Consumer Unit

Pos: 165	Max: 1
Detail - Mandatory	
Loop: 0312	Elements: 4

User Option (Usage): Used

Purpose: 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										
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 477, Included: 4)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UD</td> <td>U.P.C./EAN Consumer Package Code (2-5-5)</td> </tr> <tr> <td>UI</td> <td>U.P.C. Consumer Package Code (1-5-5)</td> </tr> <tr> <td>UK</td> <td>U.P.C./EAN Shipping Container Code (1-2-5-5-1)</td> </tr> <tr> <td>UP</td> <td>U.P.C. Consumer Package Code (1-5-5-1)</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	UD	U.P.C./EAN Consumer Package Code (2-5-5)	UI	U.P.C. Consumer Package Code (1-5-5)	UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	UP	U.P.C. Consumer Package Code (1-5-5-1)
<u>Code</u>	<u>Name</u>																
UD	U.P.C./EAN Consumer Package Code (2-5-5)																
UI	U.P.C. Consumer Package Code (1-5-5)																
UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)																
UP	U.P.C. Consumer Package Code (1-5-5-1)																
G5502	234	Product/Service ID	M	AN	1/48	Must use	1										
<p>Description: Identifying number for a product or service</p>																	
G5519	880	Dated Product Number of Days	M	NO	1/4	Used	1										
<p>Description: Used to designate the number of days open dated product must 'sell by' from date of manufacture</p> <p>Dot Foods: Total product shelf life from production date</p>																	
G5521	1073	Yes/No Condition or Response Code	M	ID	1/1	Recommended	1										
<p>Description: Code indicating a Yes or No condition or response</p> <p>Dot Foods: Kosher Certified</p> <p>CodeList Summary (Total Codes: 4, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>N</td> <td>No</td> </tr> <tr> <td>Y</td> <td>Yes</td> </tr> </tbody> </table>								<u>Code</u>	<u>Name</u>	N	No	Y	Yes				
<u>Code</u>	<u>Name</u>																
N	No																
Y	Yes																

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.

Comments:

1. G5516 is limited to 16 characters.

SE Transaction Set Trailer

Pos: 200	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: 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

Purpose: 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	N0	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	N0	1/9	Must use	1
		Description: Assigned number originated and maintained by the sender					

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

Purpose: 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	N0	1/5	Must use	1
		Description: A count of the number of functional groups included in an interchange					
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use	1
		Description: A control number assigned by the interchange sender					