



# **888 Item Maintenance**

**Version: 004010 X12**

**Company:**

**DOT FOODS, INC.**



# 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			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>
0100	ST	Transaction Set Header	M	1			Must use
<b>LOOP ID - 0100</b>					<b>&gt;1</b>	<b>N1/0200L</b>	
0200	N1	Name	M	1		N1/0200	Must use
0400	N3	Address Information	O	2			Used
0500	N4	Geographic Location	O	1			Used
<b>LOOP ID - 0100</b>					<b>&gt;1</b>	<b>N1/0200L</b>	
0200	N1	Name	M	1		N1/0200	Must use
0400	N3	Address Information	O	2			Used
0500	N4	Geographic Location	O	1			Used
0700	G61	Contact	O	>1			Used
0700	G61	Contact	O	>1			Used
0860	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>
<b>LOOP ID - 0300</b>					<b>&gt;1</b>		
0100	G53	Maintenance Type	M	1			Must use
0300	NTE	Note/Special Instruction	O	20			Used
<b>LOOP ID - 0310</b>					<b>&gt;1</b>		
0350	LX	Assigned Number	M	1			Must use
0400	G39	Item Characteristics - Vendor's Selling Unit	O	1			Used
0500	G69	Line Item Detail - Description	O	5			Used
0500	G69	Line Item Detail - Description	O	5			Used
0500	G69	Line Item Detail - Description	O	5			Used
0500	G69	Line Item Detail - Description	O	5			Used
0560	LIN	Item Identification	O	1			Used
0600	G23	Terms of Sale	O	10			Used
0900	G26	Pricing Conditions	O	2			Used
1510	N9	Reference Identification	O	10			Used
1510	N9	Reference Identification	O	10			Used
1510	N9	Reference Identification	O	10			Used
1520	UIT	Unit Detail	M	10			Used
1530	MEA	Measurements	O	10			Used
<b>LOOP ID - 0311</b>					<b>&gt;1</b>		
1600	PAL	Pallet Information	O	>1			Used
<b>LOOP ID - 0312</b>					<b>&gt;1</b>		

1650	G55	Item Characteristics - Consumer Unit	O	1	Used
1775	REF	Reference Identification	O	10	Used
2000	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:**

- 1/0200L One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
- 1/0200 One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
- 1/0200L One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.
- 1/0200 One iteration of the N1 loop should be used to identify the buying party (BY) to establish the area or location for which the item maintenance applies.

# ISA

# Interchange Control Header

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

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

**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>				
ISA01	I01	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use				
<p><b>Description:</b> Code identifying the type of information in the Authorization Information</p> <p><b>CodeList Summary</b> (Total Codes: 7, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Authorization Information Present (No Meaningful Information in I02)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	No Authorization Information Present (No Meaningful Information in I02)
<u>Code</u>	<u>Name</u>									
00	No Authorization Information Present (No Meaningful Information in I02)									
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use				
<p><b>Description:</b> Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p>										
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use				
<p><b>Description:</b> Code identifying the type of information in the Security Information</p> <p><b>CodeList Summary</b> (Total Codes: 2, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Security Information Present (No Meaningful Information in I04)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	No Security Information Present (No Meaningful Information in I04)
<u>Code</u>	<u>Name</u>									
00	No Security Information Present (No Meaningful Information in I04)									
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use				
<p><b>Description:</b> This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p>										
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use				
<p><b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p><b>CodeList Summary</b> (Total Codes: 41, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>08</td> <td>UCC EDI Communications ID (Comm ID)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	08	UCC EDI Communications ID (Comm ID)
<u>Code</u>	<u>Name</u>									
08	UCC EDI Communications ID (Comm ID)									
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use				
<p><b>Description:</b> Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element</p> <p><b>Dot Foods: 9288030000</b></p>										
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use				
<p><b>Description:</b> Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p><b>All valid standard codes are used. (Total Codes: 41)</b></p>										
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use				

**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

ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
		<b>Description:</b> Date of the interchange				
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
		<b>Description:</b> Time of the interchange				
ISA11	I65	<b>Repetition Separator</b>	M		1/1	Must use
		<b>Description:</b> Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator				
ISA12	I11	<b>Interchange Control Version Number</b>	M	ID	5/5	Must use
		<b>Description:</b> Code specifying the version number of the interchange control segments				
		<b>CodeList Summary</b> (Total Codes: 15, Included: 1)				
		<u>Code</u> <u>Name</u>				
		00403                      Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1999				
ISA13	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
		<b>Description:</b> A control number assigned by the interchange sender				
ISA14	I13	<b>Acknowledgment Requested</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating sender's request for an interchange acknowledgment				
		<b>CodeList Summary</b> (Total Codes: 2, Included: 1)				
		<u>Code</u> <u>Name</u>				
		0                              No Acknowledgment Requested				
ISA15	I14	<b>Usage Indicator</b>	M	ID	1/1	Must use
		<b>Description:</b> Code indicating whether data enclosed by this interchange envelope is test, production or information				
		<b>CodeList Summary</b> (Total Codes: 3, Included: 1)				
		<u>Code</u> <u>Name</u>				
		P                              Production Data				
ISA16	I15	<b>Component Element Separator</b>	M		1/1	Must use
		<b>Description:</b> Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

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

**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>				
GS01	479	<b>Functional Identifier Code</b>	M	ID	2/2	Must use				
<p><b>Description:</b> Code identifying a group of application related transaction sets</p> <p><b>CodeList Summary</b> (Total Codes: 263, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>QG</td> <td>Product Information (878, 879, 888, 889, 896)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	QG	Product Information (878, 879, 888, 889, 896)
<u>Code</u>	<u>Name</u>									
QG	Product Information (878, 879, 888, 889, 896)									
GS02	142	<b>Application Sender's Code</b>	M	AN	2/15	Must use				
<p><b>Description:</b> Code identifying party sending transmission; codes agreed to by trading partners</p> <p><b>Dot Foods: 9288030000</b></p>										
GS03	124	<b>Application Receiver's Code</b>	M	AN	2/15	Must use				
<p><b>Description:</b> Code identifying party receiving transmission; codes agreed to by trading partners</p>										
GS04	373	<b>Date</b>	M	DT	8/8	Must use				
<p><b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year</p>										
GS05	337	<b>Time</b>	M	TM	4/8	Must use				
<p><b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p>										
GS06	28	<b>Group Control Number</b>	M	N0	1/9	Must use				
<p><b>Description:</b> Assigned number originated and maintained by the sender</p>										
GS07	455	<b>Responsible Agency Code</b>	M	ID	1/2	Must use				
<p><b>Description:</b> Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480</p> <p><b>CodeList Summary</b> (Total Codes: 2, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	X	Accredited Standards Committee X12
<u>Code</u>	<u>Name</u>									
X	Accredited Standards Committee X12									
GS08	480	<b>Version / Release / Industry Identifier Code</b>	M	AN	1/12	Must use				
<p><b>Description:</b> 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 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</p>										

DE455 in GS segment is T, then other formats are allowed

**CodeList Summary** (Total Codes: 41, Included: 1)

<u>Code</u>	<u>Name</u>
004030	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1999

**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: 0100	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>
ST01	143	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use
<b>Description:</b> Code uniquely identifying a Transaction Set						
<b>CodeList Summary</b> (Total Codes: 314, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		888		Item Maintenance		
ST02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

### Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

# N1

# Name

Pos: 0200	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>				
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>CodeList Summary</b> (Total Codes: 1445, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BY</td> <td>Buying Party (Purchaser)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BY	Buying Party (Purchaser)	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>									
BY	Buying Party (Purchaser)									
N102	93	<b>Name</b> <b>Description:</b> Free-form name	X	AN	1/60	Used				
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>CodeList Summary</b> (Total Codes: 223, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>9</td> <td>D-U-N-S+4, D-U-N-S Number with Four Character Suffix</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X	ID	1/2	Used
<u>Code</u>	<u>Name</u>									
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix									
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used				

### Syntax Rules:

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

### Comments:

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

# N3

## Address Information

Pos: 0400	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

### Element Summary:

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

# N4

## Geographic Location

Pos: 0500	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

**User Option (Usage):** Used

**Purpose:** 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>
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

### Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 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: 0200	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>				
N101	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual <b>CodeList Summary</b> (Total Codes: 1446, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>VN</td> <td>Vendor</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	VN	Vendor	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>									
VN	Vendor									
N102	93	<b>Name</b> <b>Description:</b> Free-form name	X	AN	1/60	Used				
N103	66	<b>Identification Code Qualifier</b> <b>Description:</b> Code designating the system/method of code structure used for Identification Code (67) <b>CodeList Summary</b> (Total Codes: 223, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>9</td> <td>D-U-N-S+4, D-U-N-S Number with Four Character Suffix</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X	ID	1/2	Used
<u>Code</u>	<u>Name</u>									
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix									
N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	X	AN	2/80	Used				

### Syntax Rules:

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

### Comments:

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

# N3

## Address Information

Pos: 0400	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

### Element Summary:

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

# N4

## Geographic Location

Pos: 0500	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

**User Option (Usage):** Used

**Purpose:** 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>
N401	19	<b>City Name</b> <b>Description:</b> Free-form text for city name	O	AN	2/30	Used
N402	156	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency	X	ID	2/2	Used
N403	116	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

### Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 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.

# G61

# Contact

Pos: 0700	Max: >1
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom communications should be directed

## 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>				
G6101	366	<b>Contact Function Code</b> <b>Description:</b> Code identifying the major duty or responsibility of the person or group named <b>CodeList Summary</b> (Total Codes: 234, Included: 1) <table><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>AM</td><td>Administrator</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	AM	Administrator	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
AM	Administrator									
G6102	93	<b>Name</b> <b>Description:</b> Free-form name	M	AN	1/60	Must use				
G6103	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number <b>CodeList Summary</b> (Total Codes: 40, Included: 1) <table><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>TE</td><td>Telephone</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	TE	Telephone	X	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
TE	Telephone									
G6104	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	X	AN	1/256	Used				

## Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

## Comments:

1. G6103 qualifies G6104.

# G61

## Contact

Pos: 0700	Max: >1
Heading - Optional	
Loop: N/A	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom communications should be directed

### 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>
G6101	366	<b>Contact Function Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named						
<b>CodeList Summary</b> (Total Codes: 234, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		BD		Buyer Name or Department		
G6102	93	<b>Name</b>	M	AN	1/60	Must use
<b>Description:</b> Free-form name						
G6103	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number						
<b>CodeList Summary</b> (Total Codes: 40, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		TE		Telephone		
G6104	364	<b>Communication Number</b>	X	AN	1/256	Used
<b>Description:</b> Complete communications number including country or area code when applicable						

### Syntax Rules:

1. P0304 - If either G6103 or G6104 is present, then the other is required.

### Comments:

1. G6103 qualifies G6104.

# G62

## Date/Time

Pos: 0860	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>
G6201	432	<b>Date Qualifier</b>	X	ID	2/2	Used
<b>Description:</b> Code specifying type of date						
<b>CodeList Summary</b> (Total Codes: 138, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		09		Process Date		
G6202	373	<b>Date</b>	X	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G6203	176	<b>Time Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code specifying the reported time						
<b>CodeList Summary</b> (Total Codes: 43, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		W		Effective Time		
G6204	337	<b>Time</b>	X	TM	4/8	Used
<b>Description:</b> Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						

### 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: 0100	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>
G5301	875	Maintenance Type Code	M	ID	3/3	Must use

**Description:** Code identifying the specific type of item maintenance

**CodeList Summary** (Total Codes: 121, Included: 5)

<u>Code</u>	<u>Name</u>
001	Change
002	Delete
003	Add Full Item Detail
004	Withdraw Item (Temporary)
005	Restore Item

# NTE

## Note/Special Instruction

Pos: 0300	Max: 20
Detail - Optional	
Loop: 0300	Elements: 1

**User Option (Usage):** Used

**Purpose:** 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>
NTE02	352	<b>Description</b>	M	AN	1/80	Must use

**Description:** A free-form description to clarify the related data elements and their content

### Comments:

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

# LX

## Assigned Number

Pos: 0350	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 1

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

**Purpose:** To reference a line number in a 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>
LX01	554	Assigned Number	M	NO	1/6	Must use

**Description:** Number assigned for differentiation within a transaction set

# G39

## Item Characteristics - Vendor's Selling Unit

Pos: 0400	Max: 1
Detail - Optional	
Loop: 0310	Elements: 23

**User Option (Usage):** Used

**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>								
G3901	438	<b>U.P.C. Case Code</b> <b>Description:</b> Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)	X	AN	12/12	Used								
G3902	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>CodeList Summary</b> (Total Codes: 505, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UK</td> <td>EAN/UCC - 14</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	UK	EAN/UCC - 14	X	ID	2/2	Used				
<u>Code</u>	<u>Name</u>													
UK	EAN/UCC - 14													
G3903	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used								
G3904	152	<b>Special Handling Code</b> <b>Description:</b> Code specifying special transportation handling instructions <b>CodeList Summary</b> (Total Codes: 542, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DNF</td> <td>Do Not Freeze</td> </tr> <tr> <td>FRZ</td> <td>Accepted by Carrier at Owner's Risk of Freezing</td> </tr> <tr> <td>MRF</td> <td>Refrigerated</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	DNF	Do Not Freeze	FRZ	Accepted by Carrier at Owner's Risk of Freezing	MRF	Refrigerated	O	ID	2/3	Used
<u>Code</u>	<u>Name</u>													
DNF	Do Not Freeze													
FRZ	Accepted by Carrier at Owner's Risk of Freezing													
MRF	Refrigerated													
G3905	395	<b>Unit Weight</b> <b>Description:</b> Numeric value of weight per unit	X	R	1/8	Used								
G3906	187	<b>Weight Qualifier</b> <b>Description:</b> Code defining the type of weight <b>CodeList Summary</b> (Total Codes: 52, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>G</td> <td>Gross Weight</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	G	Gross Weight	X	ID	1/2	Used				
<u>Code</u>	<u>Name</u>													
G	Gross Weight													
G3907	188	<b>Weight Unit Code</b> <b>Description:</b> Code specifying the weight unit <b>CodeList Summary</b> (Total Codes: 8, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>L</td> <td>Pounds</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	L	Pounds	X	ID	1/1	Used				
<u>Code</u>	<u>Name</u>													
L	Pounds													
G3908	65	<b>Height</b> <b>Description:</b> Vertical dimension of an object measured when the object is in the upright position	X	R	1/8	Used								
G3909	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used								

**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: 803, Included: 1)

<u>Code</u>	<u>Name</u>
IN	Inch

G3910	189	<b>Width</b>	X	R	1/8	Used
-------	-----	--------------	---	---	-----	------

**Description:** Shorter measurement of the two horizontal dimensions measured with the object in the upright position

G3911	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
-------	-----	---	---	----	-----	------

**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: 803, Included: 1)

<u>Code</u>	<u>Name</u>
IN	Inch

G3912	82	<b>Length</b>	X	R	1/8	Used
-------	----	---------------	---	---	-----	------

**Description:** Largest horizontal dimension of an object measured when the object is in the upright position

G3913	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
-------	-----	---	---	----	-----	------

**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: 803, Included: 1)

<u>Code</u>	<u>Name</u>
IN	Inch

G3914	183	<b>Volume</b>	X	R	1/8	Used
-------	-----	---------------	---	---	-----	------

**Description:** Value of volumetric measure

G3915	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
-------	-----	---	---	----	-----	------

**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: 803, Included: 1)

<u>Code</u>	<u>Name</u>
CF	Cubic Feet

G3916	416	<b>Pallet Block and Tiers</b>	O	N0	6/6	Used
-------	-----	-------------------------------	---	----	-----	------

**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	<b>Pack</b>	O	N0	1/6	Used
-------	-----	-------------	---	----	-----	------

**Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

G3918	357	<b>Size</b>	X	R	1/8	Used
-------	-----	-------------	---	---	-----	------

**Description:** Size of supplier units in pack

G3919	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
-------	-----	---	---	----	-----	------

**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: 803, Included: 21)

<u>Code</u>	<u>Name</u>
12	Packet
1N	Count
BA	Bale
BD	Bundle
BK	Book
CN	Can
CU	Cup
DI	Dispenser
DZ	Dozen
EA	Each
GA	Gallon
GR	Gram
LB	Pound
LT	Liter
ML	Milliliter
OZ	Ounce - Av
PR	Pair
QT	Quart
RL	Roll
ST	Set
V2	Pouch

G3923	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
-------	-----	-------------------------------------	---	----	-----	------

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 505, Included: 1)

<u>Code</u>	<u>Name</u>
VN	Vendor's (Seller's) Item Number

G3924	234	<b>Product/Service ID</b>	X	AN	1/48	Used
-------	-----	---------------------------	---	----	------	------

**Description:** Identifying number for a product or service

**Dot Foods:** *Dot item number*

G3925	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
-------	-----	-------------------------	---	----	-----	------

**Description:** Code defining the type of weight

**CodeList Summary** (Total Codes: 52, Included: 1)

<u>Code</u>	<u>Name</u>
N	Actual Net Weight

G3926	395	<b>Unit Weight</b>	X	R	1/8	Used
-------	-----	--------------------	---	---	-----	------

**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: 0500	Max: 5
Detail - Optional	
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>
G6901	369	Free-form Description	M	AN	1/45	Must use

**Description:** Free-form descriptive text

### Dot Foods:

*Abbreviated item description*

# G69

## Line Item Detail - Description

Pos: 0500	Max: 5
Detail - Optional	
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>
G6901	369	Free-form Description	M	AN	1/45	Must use

**Description:** Free-form descriptive text

### Dot Foods:

*Full item description - Characters 1 - 45*

# G69

## Line Item Detail - Description

Pos: 0500	Max: 5
Detail - Optional	
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>
G6901	369	Free-form Description	M	AN	1/45	Must use

**Description:** Free-form descriptive text

### Dot Foods:

*Full item description - Characters 46 - 90*

# G69

## Line Item Detail - Description

Pos: 0500	Max: 5
Detail - Optional	
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>
G6901	369	Free-form Description	M	AN	1/45	Must use

**Description:** Free-form descriptive text

### Dot Foods:

*Full item description - Characters 91 - 100*

# LIN

# Item Identification

Pos: 0560	Max: 1
Detail - Optional	
Loop: 0310	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify basic item identification 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>				
LIN02	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>CodeList Summary</b> (Total Codes: 505, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>MG</td><td>Manufacturer's Part Number</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	MG	Manufacturer's Part Number	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
MG	Manufacturer's Part Number									
LIN03	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	M	AN	1/48	Must use				
LIN04	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>CodeList Summary</b> (Total Codes: 505, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>PI</td><td>Purchaser's Item Code</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	PI	Purchaser's Item Code	X	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
PI	Purchaser's Item Code									
LIN05	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used				
LIN06	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>CodeList Summary</b> (Total Codes: 505, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>BL</td><td>Brand/Label</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	BL	Brand/Label	X	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
BL	Brand/Label									
LIN07	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	X	AN	1/48	Used				

## Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.

14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

**Semantics:**

1. LIN01 is the line item identification

**Comments:**

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

# G23

# Terms of Sale

Pos: 0600	Max: 10
Detail - Optional	
Loop: 0310	Elements: 5

User Option (Usage): Used

Purpose: To specify the terms of sale

### 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>
G2301	336	<b>Terms Type Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying type of payment terms						
<b>CodeList Summary</b> (Total Codes: 76, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		01		Basic		
		05		Discount Not Applicable		
G2302	333	<b>Terms Basis Date Code</b>	M	ID	1/2	Must use
<b>Description:</b> Code identifying the beginning of the terms period						
<b>CodeList Summary</b> (Total Codes: 17, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		3		Invoice Date		
G2305	338	<b>Terms Discount Percent</b>	O	R	1/6	Used
<b>Description:</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date						
G2307	351	<b>Terms Discount Days Due</b>	O	N0	1/3	Used
<b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned						
G2309	386	<b>Terms Net Days</b>	X	N0	1/3	Used
<b>Description:</b> Number of days until total invoice amount is due (discount not applicable)						

### Syntax Rules:

1. R0809 - At least one of G2308 or G2309 is required.

### Comments:

1. The G23 segment may be used for the detail or the total transaction set level. Refer to the transaction set assumptions for details on proper usage.
2. If G2301 equals "04" (deferred or installment) then either G2313 or G2314 is required and the data in the segment pertains only to the portion of the invoice described in G2313 or G2314. If G2301 equals "11" (elective) then G2304 is required. If G2301 is not equal to "05" (discount not applicable) then (G2305 or G2310) and (G2306 or G2307) is required. If G2301 equals "ZZ" (other) then G2315 is required. Multiple use of this segment when G2301 equals "04" (deferred or installment) always implies an "AND" relationship. When G2301 equals "06" (mixed) or "11" (elective) an "OR" relationship is always implied.
3. G2310 is a memo figure requiring specific payment performance and therefore should not be negative.
4. When elective terms are offered in a deferred or installment situation, G2316 (Installment Group Indicator - DE 713) must be used to properly group the terms within each installment.

# G26

## Pricing Conditions

Pos: 0900	Max: 2
Detail - Optional	
Loop: 0310	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify vendor's conditions related to price change

### 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>
G2601	290	Price Condition Code	M	ID	2/2	Must use

**Description:** Code identifying a particular condition applicable to a price change

**CodeList Summary** (Total Codes: 24, Included: 1)

<u>Code</u>	<u>Name</u>
15	Order Lead Time Requirement

### Syntax Rules:

1. P0203 - If either G2602 or G2603 is present, then the other is required.
2. P040506 - If either G2604, G2605 or G2606 are present, then the others are required.

### Dot Foods:

*This segment will only appear if the item is a non-stock item.*

# N9

## Reference Identification

Pos: 1510	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>				
N901	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>CodeList Summary</b> (Total Codes: 1631, Included: 1) <table><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>4P</td><td>Affiliation Number</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	4P	Affiliation Number	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>									
4P	Affiliation Number									
N902	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Dot Foods:</b> <i>Buying Group Number</i>	X	AN	1/50	Used				
N903	369	<b>Free-form Description</b> <b>Description:</b> Free-form descriptive text <b>Dot Foods:</b> <i>Buying Group Name</i>	X	AN	1/45	Used				

### 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: 1510	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>				
N901	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>CodeList Summary</b> (Total Codes: 1631, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PG</td> <td>Product Group</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PG	Product Group	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>									
PG	Product Group									
N902	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Dot Foods: IFDA Category Number</b>	X	AN	1/50	Used				
N903	369	<b>Free-form Description</b> <b>Description:</b> Free-form descriptive text <b>Dot Foods: IFDA Category Description</b>	X	AN	1/45	Used				

### 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: 1510	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>				
N901	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>CodeList Summary</b> (Total Codes: 1631, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>PRT</td><td>Product Type</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	PRT	Product Type	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>									
PRT	Product Type									
N902	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Dot Foods: IFDA Class Number</b>	X	AN	1/50	Used				
N903	369	<b>Free-form Description</b> <b>Description:</b> Free-form descriptive text <b>Dot Foods: IFDA Class Description</b>	X	AN	1/45	Used				

### 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.

# UIT

## Unit Detail

Pos: 1520	Max: 10
Detail - Mandatory	
Loop: 0310	Elements: 1

**User Option (Usage):** Used

**Purpose:** To specify item unit 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>
UIT01	C001	<b>Composite Unit of Measure</b>	M	Comp		Must use

**Description:** To identify a composite unit of measure(See Figures Appendix for examples of use)

UIT01-01	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
----------	-----	---	---	----	-----	----------

**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: 803, Included: 8)

<u>Code</u>	<u>Name</u>
BG	Bag
CA	Case
DR	Drum
EA	Each
GA	Gallon
LB	Pound
PA	Pail
TE	Tote

### Syntax Rules:

1. C0302 - If UIT03 is present, then UIT02 is required.

### Dot Foods:

*Ordering Unit of Measure*

# MEA

# Measurements

Pos: 1530	Max: 10
Detail - Optional	
Loop: 0310	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

## 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>				
MEA01	737	<b>Measurement Reference ID Code</b> <b>Description:</b> Code identifying the broad category to which a measurement applies <b>CodeList Summary</b> (Total Codes: 157, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>WT</td><td>Weights</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	WT	Weights	O	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
WT	Weights									
MEA02	738	<b>Measurement Qualifier</b> <b>Description:</b> Code identifying a specific product or process characteristic to which a measurement applies <b>CodeList Summary</b> (Total Codes: 959, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>N</td><td>Actual Net Weight</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	N	Actual Net Weight	O	ID	1/3	Used
<u>Code</u>	<u>Name</u>									
N	Actual Net Weight									
MEA03	739	<b>Measurement Value</b> <b>Description:</b> The value of the measurement	X	R	1/20	Used				
MEA04	C001	<b>Composite Unit of Measure</b> <b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)	X	Comp		Used				
MEA04-01	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken <b>CodeList Summary</b> (Total Codes: 803, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>LB</td><td>Pound</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	LB	Pound	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
LB	Pound									

## Syntax Rules:

1. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. C0504 - If MEA05 is present, then MEA04 is required.
3. C0604 - If MEA06 is present, then MEA04 is required.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. E0803 - Only one of MEA08 or MEA03 may be present.

## Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

## Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

# PAL

## Pallet Information

Pos: 1600	Max: >1
Detail - Optional	
Loop: 0311	Elements: 2

**User Option (Usage):** Used

**Purpose:** To identify the type and physical attributes of the pallet, and, gross weight, gross volume, and height of the load and the pallet

### 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>
PAL03	885	<b>Pallet Blocks</b>	O	N0	1/3	Used
		<b>Description:</b> The number of pieces (cartons) per layer on the pallet				
PAL04	356	<b>Pack</b>	O	N0	1/6	Used
		<b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container				

### Syntax Rules:

1. P0506 - If either PAL05 or PAL06 is present, then the other is required.
2. C0710 - If PAL07 is present, then PAL10 is required.
3. C0810 - If PAL08 is present, then PAL10 is required.
4. C0910 - If PAL09 is present, then PAL10 is required.
5. L10070809 - If PAL10 is present, then at least one of PAL07, PAL08 or PAL09 is required.
6. P1112 - If either PAL11 or PAL12 is present, then the other is required.
7. P1314 - If either PAL13 or PAL14 is present, then the other is required.

### Semantics:

1. PAL04 (Pack) is the number of pieces on the pallet.
2. PAL05 (Unit Weight) is the weight of the pallet alone, before loading.
3. PAL07 and PAL08 (Length and Width) are the dimensions of the pallet before loading.
4. PAL09 (Height) is the height of the pallet and load.
5. PAL11 and PAL13 (Gross Weight and Gross Volume) are measured after loading and includes the pallet.

# G55

## Item Characteristics - Consumer Unit

Pos: 1650	Max: 1
Detail - Optional	
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>
G5501	235	<b>Product/Service ID Qualifier</b> <b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) <b>CodeList Summary</b> (Total Codes: 505, Included: 1) <u>Code</u> <u>Name</u> UK            EAN/UCC - 14	M	ID	2/2	Must use
G5502	234	<b>Product/Service ID</b> <b>Description:</b> Identifying number for a product or service	M	AN	1/48	Must use
G5519	880	<b>Dated Product Number of Days</b> <b>Description:</b> Used to designate the number of days open dated product must 'sell by' from date of manufacture <b>Dot Foods:</b> <i>Shelf Life</i>	O	N0	1/4	Used
G5521	1073	<b>Yes/No Condition or Response Code</b> <b>Description:</b> Code indicating a Yes or No condition or response <b>Dot Foods:</b> <i>Hazardous Material</i> <b>CodeList Summary</b> (Total Codes: 4, Included: 2) <u>Code</u> <u>Name</u> N            No Y            Yes	O	ID	1/1	Used

### 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.

# REF

## Reference Identification

Pos: 1775	Max: 10
Detail - Optional	
Loop: 0312	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify identifying 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>				
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification <b>CodeList Summary</b> (Total Codes: 1631, Included: 1) <table border="1"><thead><tr><th><u>Code</u></th><th><u>Name</u></th></tr></thead><tbody><tr><td>PHC</td><td>Process Handling Code</td></tr></tbody></table>	<u>Code</u>	<u>Name</u>	PHC	Process Handling Code	M	ID	2/3	Must use
<u>Code</u>	<u>Name</u>									
PHC	Process Handling Code									
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Dot Foods: Crushability Code</b>	X	AN	1/50	Used				
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content <b>Dot Foods: Crushability Description</b>	X	AN	1/80	Used				

### Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

### Semantics:

1. REF04 contains data relating to the value cited in REF02.

# SE

## Transaction Set Trailer

Pos: 2000	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>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

### Comments:

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

# GE

## Functional Group Trailer

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

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

**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>
GE01	97	<b>Number of Transaction Sets Included</b> <b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	<b>Group Control Number</b> <b>Description:</b> Assigned number originated and maintained by the sender	M	N0	1/9	Must use

### 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

**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>
IEA01	I16	<b>Number of Included Functional Groups</b> <b>Description:</b> A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	<b>Interchange Control Number</b> <b>Description:</b> A control number assigned by the interchange sender	M	N0	9/9	Must use

ST\*888\*00000001~  
N1\*BY\*COMPANY NAME\*9\*1234567890123~  
N3\*STREET RD~  
N4\*CITY\*ST\*222220000~  
N1\*VN\*DOT FOODS, INC. \*9\*0256712560101~  
N3\*P.O. BOX 192~  
N4\*MT. STERLING\*IL\*62353-000~  
G61\*AM\*CSR NAME\*TE\*8003663687~  
G62\*09\*20191030\*W\*054311~  
G53\*001~  
LX\*1~  
G39\*555555555555\*UK\*555555555555\*DNF\*43.751\*G\*L\*10.984\*IN\*10.866\*IN\*23.74\*IN\*1.64\*CF\*00600412\*54\*OZ\*\*\*\*  
VN\*444444\*N\*40.5~  
G69\*DESCRIPTION~  
G69\*EXPANDED DESCRIPTION~  
LIN\*\*MG\*010101\*PI\*19145\*BL\*BRAND\*OT\*1080~  
G23\*01\*3\*\*\*0.02\*\*10\*\*11~  
G26\*15~  
N9\*4P\*\*BUYING GROUP~  
N9\*PG\*240\*ITEM CATEGORY~  
N9\*PRT\*1910\*PRODUCT LINE~  
UIT\*CA~  
MEA\*WT\*N\*40.5\*LB~  
PAL\*\*\*6\*24~  
G55\*UK\*555555555555\*\*\*\*\*504\*\*N~  
REF\*PHC\*9\*9-MEDIUM DURABLE~  
SE\*26\*00000001~