



880 Grocery Products Invoice

Version: 004010 UCS

Company: DOT FOODS, INC.

880

Grocery Products Invoice

Functional Group=GP

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Grocery Products Invoice Transaction Set (880) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to billing details for finished goods in a retail or wholesale consumer market. The transaction set can be used by the supplier or broker organization to request payment from a retailer or wholesaler organization. This transaction set is to be used for standalone detail billing and cannot be used for statement billing or credit/debit adjustments. The G23 segment must be used in the header area or detail area, but not both. When it is used in the detail area, there must be one occurrence of the G23 segment for each iteration of the G17 segment.

Not Defined:

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	G01	Invoice Identification	M	1			Must use
030	N9	Reference Identification	O	10			Used
040	G61	Contact	O	3			Used
050	G62	Date/Time	O	5			Used
080	G23	Terms of Sale	O	20		N1/080	Used
090	G25	F.O.B. Information	O	1			Used
LOOP ID - 0100					10	N1/100L	
100	N1	Name	M	1		N1/100	Must use
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used
LOOP ID - 0100					10	N1/100L	
100	N1	Name	M	1		N1/100	Must use
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used
LOOP ID - 0100					10	N1/100L	
100	N1	Name	M	1		N1/100	Must use
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used
LOOP ID - 0100					10	N1/100L	
100	N1	Name	M	1		N1/100	Must use
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used
LOOP ID - 0100					10	N1/100L	
100	N1	Name	M	1		N1/100	Must use
120	N3	Address Information	O	2			Used
130	N4	Geographic Location	O	1			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - 0300					9999	N2/010L	
010	G17	Item Detail - Invoice	O	1		N2/010	Used
020	G69	Line Item Detail - Description	O	5			Used

050	G23	Terms of Sale	O	20	N2/050	Used
LOOP ID - 0310				100		
070	G72	Allowance or Charge	O	1		Used
080	G73	Allowance or Charge Description	O	10		Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	G31	Total Invoice Quantity	M	1			Must use
020	G33	Total Dollars Summary	M	1			Must use
030	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:

- 1/080 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.
- 1/100L One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.
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- 2/010L Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.
- 2/010 Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.
- 2/050 The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.

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	Authorization Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>CodeList Summary (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	Authorization Information	M	AN	10/10	Must use				
<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				
<p>Description: Code to identify the type of information in the Security Information</p> <p>CodeList Summary (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	Security Information	M	AN	10/10	Must use				
<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				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>CodeList Summary (Total Codes: 38, 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	Interchange Sender ID	M	AN	15/15	Must use				
<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> <p>Dot Foods: 9288030000</p>										
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p>										

All valid standard codes are used. (Total Codes: 38)

ISA08	I07	Interchange Receiver ID 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	M	AN	15/15	Must use				
ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Must use				
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Must use				
ISA11	I10	Interchange Control Standards Identifier 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)	M	ID	1/1	Must use				
ISA12	I11	Interchange Control Version Number Description: Code specifying the version number of the interchange control segments CodeList Summary (Total Codes: 14, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00401</td> <td>Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997	M	ID	5/5	Must use
<u>Code</u>	<u>Name</u>									
00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997									
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	NO	9/9	Must use				
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1) CodeList Summary (Total Codes: 2, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>0</td> <td>No Acknowledgment Requested</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	0	No Acknowledgment Requested	M	ID	1/1	Must use
<u>Code</u>	<u>Name</u>									
0	No Acknowledgment Requested									
ISA15	I14	Usage Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information CodeList Summary (Total Codes: 3, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>P</td> <td>Production Data</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	P	Production Data	M	ID	1/1	Must use
<u>Code</u>	<u>Name</u>									
P	Production Data									
ISA16	I15	Component Element Separator 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	M		1/1	Must use				

GS

Functional Group Header

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

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	Functional Identifier Code	M	ID	2/2	Must use						
<p>Description: Code identifying a group of application related transaction sets</p> <p>CodeList Summary (Total Codes: 240, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>GP</td> <td>Grocery Products Invoice (880)</td> </tr> <tr> <td>IN</td> <td>Invoice Information (810,819)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	GP	Grocery Products Invoice (880)	IN	Invoice Information (810,819)
<u>Code</u>	<u>Name</u>											
GP	Grocery Products Invoice (880)											
IN	Invoice Information (810,819)											
GS02	142	Application Sender's Code	M	AN	2/15	Must use						
<p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p> <p>Dot Foods: 9288030000</p>												
GS03	124	Application Receiver's Code	M	AN	2/15	Must use						
<p>Description: Code identifying party receiving transmission; codes agreed to by trading partners</p>												
GS04	373	Date	M	DT	8/8	Must use						
<p>Description: Date expressed as CCYYMMDD</p>												
GS05	337	Time	M	TM	4/8	Must use						
<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	N0	1/9	Must use						
<p>Description: Assigned number originated and maintained by the sender</p>												
GS07	455	Responsible Agency Code	M	ID	1/2	Must use						
<p>Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480</p> <p>CodeList Summary (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>T</td> <td>Transportation Data Coordinating Committee (TDCC)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	T	Transportation Data Coordinating Committee (TDCC)		
<u>Code</u>	<u>Name</u>											
T	Transportation Data Coordinating Committee (TDCC)											
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use						
<p>Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the</p>												

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: 39, Included: 1)

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

Semantics:

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

Comments:

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

ST Transaction Set Header

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

User Option (Usage): Must use

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	Transaction Set Identifier Code	M	ID	3/3	Must use
		Description: Code uniquely identifying a Transaction Set				
		CodeList Summary (Total Codes: 298, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		880		Grocery Products Invoice		
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Semantics:

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

G01

Invoice Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To transmit identifying dates and numbers for this transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G0101	373	Date Description: Date expressed as CCYYMMDD	M	DT	8/8	Must use
G0102	76	Invoice Number Description: Identifying number assigned by issuer	M	AN	1/22	Must use
G0103	373	Date Description: Date expressed as CCYYMMDD	O	DT	8/8	Used
G0104	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22	Used
G0105	424	Vendor Order Number Description: Number assigned by a vendor referencing a particular customer purchase order	O	AN	1/22	Used

Syntax Rules:

1. P0607 - If either G0106 or G0107 is present, then the other is required.

Semantics:

1. G0101 is the invoice issue date.
2. G0103 is the date assigned by the purchaser to the purchase order.

N9

Reference Identification

Pos: 030	Max: 10
Heading - Optional	
Loop: N/A	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>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		BM		Bill of Lading Number		
N902	127	Reference Identification	C	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						

Syntax Rules:

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

Semantics:

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

User Note 1:

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

G61 Contact

Pos: 040	Max: 3
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	Contact Function Code	M	ID	2/2	Must use
Description: Code identifying the major duty or responsibility of the person or group named						
CodeList Summary (Total Codes: 230, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SA		Sales Administration		
G6102	93	Name	M	AN	1/60	Must use
Description: Free-form name						
G6103	365	Communication Number Qualifier	C	ID	2/2	Used
Description: Code identifying the type of communication number						
CodeList Summary (Total Codes: 40, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		TE		Telephone		
G6104	364	Communication Number	C	AN	1/80	Used
Description: 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.

User Note 1:

This segment is used only when contacts have not previously been established or a unique situation exists.

G62 Date/Time

Pos: 050	Max: 5
Heading - Optional	
Loop: N/A	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>
G6201	432	Date Qualifier	C	ID	2/2	Used

Description: Code specifying type of date
User Note 1: *G6201 contains code 11 (Shipped On This Date) when providing ship date.*

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

<u>Code</u>	<u>Name</u>
11	Shipped on This Date

G6202	373	Date	C	DT	8/8	Used
-------	-----	------	---	----	-----	------

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.

G23 Terms of Sale

Pos: 080	Max: 20
Heading - Optional	
Loop: N/A	Elements: 11

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	Terms Type Code	M	ID	2/2	Must use
Description: Code identifying type of payment terms						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		01		Basic		
G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
Description: Code identifying the beginning of the terms period						
CodeList Summary (Total Codes: 17, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		3		Invoice Date		
G2303	282	Terms Start Date	O	DT	8/8	Used
Description: Date from which payment terms are calculated expressed in format CCYYMMDD						
G2304	283	Terms Due Date Qualifier	O	ID	2/2	Used
Description: Code identifying the method to be used for payment in conjunction with due date						
CodeList Summary (Total Codes: 4, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		02		Received by date		
G2305	338	Terms Discount Percent	O	R3	1/6	Used
Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date						
G2306	370	Terms Discount Due Date	O	DT	8/8	Used
Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD						
G2307	351	Terms Discount Days Due	O	N0	1/3	Used
Description: Number of days in the terms discount period by which payment is due if terms discount is earned						
G2308	446	Terms Net Due Date	C	DT	8/8	Used
Description: Date when total invoice amount becomes due expressed in format CCYYMMDD						
G2309	386	Terms Net Days	C	N0	1/3	Used
Description: Number of days until total invoice amount is due (discount not applicable)						

G2310	362	Terms Discount Amount	O	N2	1/10	Used
		Description: Total amount of terms discount				
G2311	391	Discounted Amount Due	O	N2	1/10	Used
		Description: Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount)				

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.

G25

F.O.B. Information

Pos: 090	Max: 1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To transmit information pertaining to method of freight payment and transfer of title

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>
G2501	146	Shipment Method of Payment	M	ID	2/2	Must use
Description: Code identifying payment terms for transportation charges						
CodeList Summary (Total Codes: 28, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		PP		Prepaid (by Seller)		
G2502	433	F.O.B. Point Code	M	ID	2/2	Must use
Description: Code identifying type of F.O.B. point						
CodeList Summary (Total Codes: 4, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		04		Point of Origin		
G2503	434	F.O.B. Point	O	AN	1/30	Used
Description: Descriptive name of F.O.B. point						

User Note 1:

This segment is required when the transaction set is an invoice for finished goods products.

N1

Name

Pos: 100	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	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1312, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		ST		Ship To		
N102	93	Name	C	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	C	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 215, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	C	AN	2/80	Used
		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.

N3

Address Information

Pos: 120	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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 130	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	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

Syntax Rules:

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

Comments:

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

N1

Name

Pos: 100	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	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		CodeList Summary (Total Codes: 1312, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		BT		Bill-to-Party		
N102	93	Name	C	AN	1/60	Used
		Description: Free-form name				
N103	66	Identification Code Qualifier	C	ID	1/2	Used
		Description: Code designating the system/method of code structure used for Identification Code (67)				
		CodeList Summary (Total Codes: 215, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	C	AN	2/80	Used
		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.

N3

Address Information

Pos: 120	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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 130	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	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

Syntax Rules:

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

Comments:

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

N1

Name

Pos: 100	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	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		RE		Party to receive commercial invoice remittance		
N102	93	Name	C	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	C	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	C	AN	2/80	Used
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.

N3

Address Information

Pos: 120	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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 130	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	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

Syntax Rules:

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

Comments:

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

N1

Name

Pos: 100	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	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SF		Ship From		
N102	93	Name	C	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	C	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	C	AN	2/80	Used
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.

N3

Address Information

Pos: 120	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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 130	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	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

Syntax Rules:

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

Comments:

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

N1

Name

Pos: 100	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	Entity Identifier Code	M	ID	2/3	Must use
Description: Code identifying an organizational entity, a physical location, property or an individual						
CodeList Summary (Total Codes: 1312, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		SN		Store		
N102	93	Name	C	AN	1/60	Used
Description: Free-form name						
N103	66	Identification Code Qualifier	C	ID	1/2	Used
Description: Code designating the system/method of code structure used for Identification Code (67)						
CodeList Summary (Total Codes: 215, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		9		D-U-N-S+4, D-U-N-S Number with Four Character Suffix		
N104	67	Identification Code	C	AN	2/80	Used
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.

Dot Foods:

This N1 loop will only be sent for cross-dock orders.

N3

Address Information

Pos: 120	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	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4

Geographic Location

Pos: 130	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	City Name Description: Free-form text for city name	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used

Syntax Rules:

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

Comments:

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

G17 Item Detail - Invoice

Pos: 010	Max: 1
Detail - Optional	
Loop: 0300	Elements: 10

User Option (Usage): Used

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

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>				
G1701	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	M	R3	1/10	Must use				
G1702	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Case</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Case	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
CA	Case									
G1703	237	Item List Cost Description: Gross unit cost within the appropriate price bracket for a line item	C	R4	1/9	Used				
G1704	438	U.P.C. Case Code Description: Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5) User Note 1: G1704 is used only when G1702 contains code CA	C	AN	12/12	Used				
G1705	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, 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	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
MG	Manufacturer's Part Number									
G1706	234	Product/Service ID Description: Identifying number for a product or service Dot Foods: Manufacturer's item number	C	AN	1/48	Used				
G1707	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, 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	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
PI	Purchaser's Item Code									
G1708	234	Product/Service ID	C	AN	1/48	Used				

Description: Identifying number for a product or service

Dot Foods: *Customer's item number*

G1710 382 **Number of Units Shipped** C R0 1/10 Used

Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set

User Note 1: *G1710 is used when the quantity shipped differs from the quantity invoiced in G1701.*

G1711 355 **Unit or Basis for Measurement Code** C 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

User Note 1: *G1711 is used when the unit or basis for measurement code shipped, differs from the unit or basis for measurement code invoiced in G1702.*

G1711 code value(s):

See G1702 code values

CodeList Summary (Total Codes: 794, Included: 2)

<u>Code</u>	<u>Name</u>
-------------	-------------

CA	Case
----	------

EA	Each
----	------

Syntax Rules:

1. R0314 - At least one of G1703 or G1714 is required.
2. R0405 - At least one of G1704 or G1705 is required.
3. P0506 - If either G1705 or G1706 is present, then the other is required.
4. P0708 - If either G1707 or G1708 is present, then the other is required.
5. P1011 - If either G1710 or G1711 is present, then the other is required.

Semantics:

1. G1714 contains the cumulative monetary amount of unsaleable merchandise.

Comments:

1. G1702 qualifies G1701.

User Note 1:

Effective with the UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the 12-digit product identifiers, G1704 (U.P.C. Case Code) will be marked as not used and will be replaced with the qualifier UK (U.P.C./EAN Shipping Container Code) (1-2-5-5-1) in G1705. The corresponding 14-digit product code will be reflected in DE234. This parallels the global transition to the 14-digit UCC/EAN-14 product identification numbering structure. In preparation for this transition, the UK qualifier and the corresponding 14-digit product code should be communicated in G1705 and G1706, respectively.

G69

Line Item Detail - Description

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

G23 Terms of Sale

Pos: 050	Max: 20
Detail - Optional	
Loop: 0300	Elements: 11

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	Terms Type Code	M	ID	2/2	Must use
Description: Code identifying type of payment terms						
CodeList Summary (Total Codes: 65, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		01		Basic		
G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
Description: Code identifying the beginning of the terms period						
CodeList Summary (Total Codes: 17, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		3		Invoice Date		
G2303	282	Terms Start Date	O	DT	8/8	Used
Description: Date from which payment terms are calculated expressed in format CCYYMMDD						
G2304	283	Terms Due Date Qualifier	O	ID	2/2	Used
Description: Code identifying the method to be used for payment in conjunction with due date						
CodeList Summary (Total Codes: 4, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		02		Received by date		
G2305	338	Terms Discount Percent	O	R3	1/6	Used
Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date						
G2306	370	Terms Discount Due Date	O	DT	8/8	Used
Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD						
G2307	351	Terms Discount Days Due	O	N0	1/3	Used
Description: Number of days in the terms discount period by which payment is due if terms discount is earned						
G2308	446	Terms Net Due Date	C	DT	8/8	Used
Description: Date when total invoice amount becomes due expressed in format CCYYMMDD						
G2309	386	Terms Net Days	C	N0	1/3	Used
Description: Number of days until total invoice amount is due (discount not applicable)						

G2310	362	Terms Discount Amount	O	N2	1/10	Used
		Description: Total amount of terms discount				
G2311	391	Discounted Amount Due	O	N2	1/10	Used
		Description: Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount)				

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.

G72 Allowance or Charge

Pos: 070	Max: 1
Detail - Optional	
Loop: 0310	Elements: 7

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

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>
G7201	340	Allowance or Charge Code	M	ID	1/3	Must use
Description: Code identifying the type of allowance or charge						
CodeList Summary (Total Codes: 113, Included: 6)						
		<u>Code</u>		<u>Name</u>		
		6		Pallet Charge		
		51		Trade Discount		
		53		Freight Allowance		
		54		Pick-up Allowance		
		516		Delivery Charge		
		526		Beverage Tax		
G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
Description: Code indicating method of handling for an allowance or charge						
CodeList Summary (Total Codes: 22, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		02		Off Invoice		
		06		Charge to be Paid by Customer		
G7205	359	Allowance or Charge Rate	C	R4	1/15	Used
Description: Allowance or Charge Rate per Unit						
G7206	339	Allowance or Charge Quantity	C	R3	1/10	Used
Description: Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity						
G7207	355	Unit or Basis for Measurement Code	C	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: 794, Included: 2)						
		<u>Code</u>		<u>Name</u>		
		CA		Case		
		LB		Pound		
G7208	360	Allowance or Charge Total Amount	C	N2	1/15	Used
Description: Total dollar amount for the allowance or charge						
G7209	332	Percent	C	R3	1/6	Used
Description: Percent expressed as a percent						

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.

2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.
4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

Semantics:

1. G7209 is the allowance or charge percent.

Comments:

1. The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

User Note 1:

G7206 and G7207 are required when G7205 is used and, G7206 and G7207 are different than item detail in G1701 and G1702.

G73 Allowance or Charge Description

Pos: 080	Max: 10
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used

Purpose: To describe the allowance or charge 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>
G7301	369	Free-form Description	M	AN	1/45	Must use

Description: Free-form descriptive text

Comments:

1. Use of the G73 segment requires concurrent use of a corresponding allowance/charge segment.

User Note 1:

This segment is required when G7201 contains code 499 or 999.

G31 Total Invoice Quantity

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
G3101	382	Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set User Note 1: <i>G3101 contains the hash total of all G1701 values.</i>	M	R0	1/10	Must use				
G3102	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>UN</td> <td>Unit</td> </tr> </tbody> </table> User Note 1: <i>Total number of units (cases, pounds, etc.)</i>	<u>Code</u>	<u>Name</u>	UN	Unit	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
UN	Unit									
G3103	81	Weight Description: Numeric value of weight	C	R2	1/10	Used				
G3104	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CodeList Summary (Total Codes: 794, 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	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
LB	Pound									
G3105	183	Volume Description: Value of volumetric measure	C	R3	1/8	Used				
G3106	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CodeList Summary (Total Codes: 794, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CF</td> <td>Cubic Feet</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CF	Cubic Feet	C	ID	2/2	Used
<u>Code</u>	<u>Name</u>									
CF	Cubic Feet									

Syntax Rules:

1. P0304 - If either G3103 or G3104 is present, then the other is required.
2. P0506 - If either G3105 or G3106 is present, then the other is required.
3. C0704 - If G3107 is present, then G3104 is required.

Semantics:

1. G3110 should only be used to express the quantity of third party pallets

2. G3111 is the gross weight of third party pallets in pounds.

Comments:

1. G3102 qualifies G3101.

G33 Total Dollars Summary

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

User Option (Usage): Must use

Purpose: To specify the total invoice amount, including charges less allowances, before terms discount

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>
G3301	610	Amount	M	N2	1/15	Must use

Description: Monetary amount

SE

Transaction Set Trailer

Pos: 030	Max: 1
Summary - 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	Number of Included Segments	M	N0	1/10	Must use
		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
		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>
GE01	97	Number of Transaction Sets Included Description: 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	Group Control Number Description: 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	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use

ST*880*488870026~
G01*20191018*1646339*20191001*2562901500*3835489~
G62*11*20191018~
G23*01*3*20191029*02****20191109***218784~
G25*PP*02*SPOKANE VALLEY~
N1*ST*COMPANY NAME*9*124567890123~
N1*BT*COMPANY NAME *9*9876543210987~
N1*RE*DOT FOODS, INC.*9*0256712560000~
N3*STREET RD~
N4*CITY*ST*222220000~
G17*4*CA*10.00*555555555555*UK*55555555555555*PI*19145*VN*444444~
G69*DESCRIPTION~
G17*4*CA*20.00*666666666666*UK*66666666666666*PI*73239*VN*555555~
G69*DESCRIPTION~
G31*2*UN*10.00*LB*67.2*CF~
G33*120.00~
SE*16*488870026~