



**General
Mills**

**Making Food
People Love**

880 Grocery Products Invoice

UCS/V5010UCS/880 : 880 Grocery Products Invoice

Company:

General Mills

Modified:

1/17/2018

Notes:

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880 Grocery Products Invoice

Functional Group=**GP**

Purpose: This X12 Transaction Set 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.

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
0200	G01	Invoice Identification	M	1			Must use
0300	N9	Extended Reference Information	O	10			Used
0500	G62	Date/Time	O	5			Used
0600	NTE	Note/Special Instruction	O	20			Used
0700	CAD	Carrier Details	O	5			Used
0800	G23	Terms of Sale	O	20		N1/0800	Used
0900	G25	F.O.B. Information	O	1			Used

LOOP ID - 0100 10 N1/1000L

1000	N1	Party Identification	M	1		N1/1000	Must use
1200	N3	Party Location	O	2			Used
1300	N4	Geographic Location	O	1			Used

LOOP ID - 0200 100

1400	G72	Allowance or Charge	O	1			Used
1500	G73	Allowance or Charge Description	O	10			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - 0300</u>					<u>9999</u>	<u>N2/0100L</u>	
0100	G17	Item Detail - Invoice	O	1		N2/0100	Used
0200	G69	Line Item Detail - Description	O	5			Used
0400	G20	Item Packing Detail	O	1			Used

LOOP ID - 0310 100

0700	G72	Allowance or Charge	O	1			Used
0800	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>
0100	G31	Total Invoice Quantity	M	1			Must use
0200	G33	Total Dollars Summary	M	1			Must use
0300	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:

- 1/0800 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.
- 1/1000L One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.
- 1/1000 One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.
- 2/0100L Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.
- 2/0100 Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.

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
Description: Code identifying the type of information in the Authorization Information						
CodeList Summary (Total Codes: 7, Included: 1)						
Code Name						
00 No Authorization Information Present (No Meaningful Information in I02)						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
Description: Code identifying the type of information in the Security Information						
CodeList Summary (Total Codes: 2, Included: 1)						
Code Name						
00 No Security Information Present (No Meaningful Information in I04)						
ISA04	I04	Security Information	M	AN	10/10	Must use
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
All valid standard codes are used. (Total Codes: 41)						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified						
All valid standard codes are used. (Total Codes: 41)						
ISA08	I07	Interchange Receiver ID	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	Interchange Date	M	DT	6/6	Must use
Description: Date of the interchange						
ISA10	I09	Interchange Time	M	TM	4/4	Must use
Description: Time of the interchange						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ISA11	I65	Repetition Separator	M		1/1	Must use				
Description: 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	Interchange Control Version Number	M	ID	5/5	Must use				
Description: Code specifying the version number of the interchange control segments										
CodeList Summary (Total Codes: 20, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>00501</td><td>Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003</td></tr></table>							<u>Code</u>	<u>Name</u>	00501	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003
<u>Code</u>	<u>Name</u>									
00501	Standards Approved for Publication by ASC X12 Procedures Review Board through October 2003									
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use				
Description: A control number assigned by the interchange sender										
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use				
Description: Code indicating sender's request for an interchange acknowledgment										
All valid standard codes are used. (Total Codes: 2)										
ISA15	I14	Interchange Usage Indicator	M	ID	1/1	Must use				
Description: Code indicating whether data enclosed by this interchange envelope is test, production or information										
CodeList Summary (Total Codes: 3, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>P</td><td>Production Data</td></tr></table>							<u>Code</u>	<u>Name</u>	P	Production Data
<u>Code</u>	<u>Name</u>									
P	Production Data									
ISA16	I15	Component Element Separator	M		1/1	Must use				
Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator										

GS Functional Group Header

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

User Option (Usage): Must use

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
Description: Code identifying a group of application related transaction sets						
CodeList Summary (Total Codes: 260, Included: 1)						
Code Name						
GP Grocery Products Invoice (880)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
GS04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
GS05	337	Time	M	TM	4/8	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
GS06	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
CodeList Summary (Total Codes: 2, Included: 1)						
Code Name						
T Transportation Data Coordinating Committee (TDCC)						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
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 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: 55, Included: 1)						
Code Name						
005010UCS						

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	Transaction Set Identifier Code	M	ID	3/3	Must use				
Description: Code uniquely identifying a Transaction Set										
CodeList Summary (Total Codes: 318, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>880</td><td>Grocery Products Invoice</td></tr></table>							<u>Code</u>	<u>Name</u>	880	Grocery Products Invoice
<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) 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. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

G01 Invoice Identification

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

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	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G0102	76	Invoice Number	M	AN	1/22	Must use
Description: Identifying number assigned by issuer						
G0103	373	Date	O	DT	8/8	Must use
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
G0104	324	Purchase Order Number	O	AN	1/22	Used
Description: Identifying number for Purchase Order assigned by the orderer/purchaser						

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 Extended Reference Information

Pos: 0300	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: 1731, Included: 11)

Code Name

AN	Associated Purchase Orders
BM	Bill of Lading Number
CR	Customer Reference Number
IA	Internal Vendor Number
IL	Internal Order Number
L1	Letters or Notes
RV	Receiving Number
VN	Vendor Order Number
VR	Vendor ID Number
YD	Buyer Identification
ZZ	Mutually Defined

N902	127	Reference Identification	X	AN	1/50	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

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

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

G62 Date/Time

Pos: 0500	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	X	ID	2/2	Used				
Description: Code specifying type of date										
CodeList Summary (Total Codes: 139, Included: 1)										
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>11</td><td>Shipped on This Date</td></tr></table>							<u>Code</u>	<u>Name</u>	11	Shipped on This Date
<u>Code</u>	<u>Name</u>									
11	Shipped on This Date									
G6202	373	Date	X	DT	8/8	Used				
Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year										

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.

NTE Note/Special Instruction

Pos: 0600	Max: 20
Heading - Optional	
Loop: N/A	Elements: 2

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>
NTE01	363	Note Reference Code	O	ID	3/3	Used

Description: Code identifying the functional area or purpose for which the note applies

CodeList Summary (Total Codes: 348, Included: 2)

<u>Code</u>	<u>Name</u>
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ALL	All Documents
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INV	Invoice Instruction
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NTE02	352	Description	M	AN	1/80	Must use
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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.

CAD Carrier Details

Pos: 0700	Max: 5
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

Purpose: To specify transportation details for the transaction

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>
CAD01	91	Transportation Method/Type Code	M	ID	1/2	Must use

Description: Code specifying the method or type of transportation for the shipment

CodeList Summary (Total Codes: 80, Included: 3)

Code Name

H Customer Pickup
M Motor (Common Carrier)
LT Less Than Trailer Load (LTL)

CAD02	206	Equipment Initial	O	AN	1/4	Used
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Description: Prefix or alphabetic part of an equipment unit's identifying number

CAD03	207	Equipment Number	O	AN	1/15	Used
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Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

CAD04	140	Standard Carrier Alpha Code	X	ID	2/4	Used
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Description: Standard Carrier Alpha Code

CAD05	387	Routing	X	AN	1/35	Used
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Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

Syntax Rules:

1. R0504 - At least one of CAD05 or CAD04 is required.
2. C0708 - If CAD07 is present, then CAD08 is required.

G23 Terms of Sale

Pos: 0800	Max: 20
Heading - Optional	
Loop: N/A	Elements: 13

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: 77, Included: 2)						
<u>Code</u> <u>Name</u>						
01 Basic						
05 Discount Not Applicable						
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 where CC represents the first two digits of the calendar year						
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>						
04 Funds Deposited by Date						
G2305	338	Terms Discount Percent	O	R	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 where CC represents the first two digits of the calendar year						
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	X	DT	8/8	Used
Description: Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year						
G2309	386	Terms Net Days	X	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						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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)				
G2312	390	Amount Subject to Terms Discount	O	N2	1/10	Used
		Description: Amount upon which the terms discount amount is calculated				
G2315	3	Free-form Message	O	AN	1/60	Used
		Description: Free-form text				

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: 0900	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

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: 31, Included: 2)						
<u>Code</u> <u>Name</u>						
PB Customer Pickup/Backhaul						
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>						
02 Destination						

Loop Party Identification

Pos: 1000	Repeat: 10
Mandatory	
Loop: 0100	Elements: N/A

User Option (Usage): Must use
Purpose: To identify a party by type of organization, name, and code

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1000	N1	Party Identification	M	1		Must use
1200	N3	Party Location	O	2		Used
1300	N4	Geographic Location	O	1		Used

N1 Party Identification

Pos: 1000	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: 1501, Included: 6)

Code Name

BT Bill-to-Party
RI Remit To
SF Ship From
SN Store
ST Ship To
VN Vendor

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 242, Included: 4)

Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
91 Assigned by Seller or Seller's Agent
92 Assigned by Buyer or Buyer's Agent
UL Global Location Number (GLN)

Description: A globally unique 13 digit code for the identification of a legal, functional or physical location within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system

N104	67	Identification Code	X	AN	2/80	Used
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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 Party Location

Pos: 1200	Max: 2
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used
Purpose: To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 1300	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	O	AN	2/30	Used
Description: Free-form text for city name						
N402	156	State or Province Code	X	ID	2/2	Used
Description: Code (Standard State/Province) as defined by appropriate government agency						
N403	116	Postal Code	O	ID	3/15	Used
Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)						

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.

Loop Allowance or Charge

Pos: 1400	Repeat: 100
Optional	
Loop: 0200	Elements: N/A

User Option (Usage): Used
Purpose: To specify allowances, charges, or services

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1400	G72	Allowance or Charge	O	1		Used
1500	G73	Allowance or Charge Description	O	10		Used

G72 Allowance or Charge

Pos: 1400	Max: 1
Heading - Optional	
Loop: 0200	Elements: 3

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: 128, Included: 10)

Code Name

4	Fuel Allowance
26	Unloading
40	Slip Sheet Allowance
54	Pickup Allowance
58	Unsaleable Merchandise Allowance
61	Handling Allowance
62	Freshness/Leaker Allowance
95	Swell
514	Surcharge
515	Stopcharge

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 2)

Code Name

02	Off Invoice
06	Charge to be Paid by Customer

G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used
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Description: Total dollar amount for the allowance or charge

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.

G73 Allowance or Charge Description

Pos: 1500	Max: 10
Heading - Optional	
Loop: 0200	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.

Loop Item Detail - Invoice

Pos: 0100	Repeat: 9999
Optional	
Loop: 0300	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0100	G17	Item Detail - Invoice	O	1		Used
0200	G69	Line Item Detail - Description	O	5		Used
0400	G20	Item Packing Detail	O	1		Used
0700		Loop 0310	O		100	Used

G17 Item Detail - Invoice

Pos: 0100	Max: 1
Detail - Optional	
Loop: 0300	Elements: 8

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	M	R	1/15	Must use
		Description: Number of units invoiced (supplier units)				
G1702	355	Unit or Basis for Measurement Code	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: 844, Included: 2)				
		<u>Code</u> <u>Name</u>				
		CA Case				
		PL Pallet/Unit Load				
G1703	237	Item List Cost	X	R	1/9	Used
		Description: Gross unit cost within the appropriate price bracket for a line item				
G1704	438	U.P.C. Case Code	X	AN	12/12	Used
		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)				
G1705	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		General Mills Note: Common qualifiers shown.				
		CodeList Summary (Total Codes: 521, Included: 6)				
		<u>Code</u> <u>Name</u>				
		CB Buyer's Catalog Number				
		IN Buyer's Item Number				
		PI Purchaser's Item Code				
		UA U.P.C./EAN Case Code (2-5-5)				
		UK GTIN 14-digit Data Structure				
		Description: Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)				
		UP UCC - 12				
		Description: Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)				
G1706	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
G1707	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		General Mills Note: Common qualifiers shown.				
		CodeList Summary (Total Codes: 522, Included: 6)				

Code Name

CB Buyer's Catalog Number

IN Buyer's Item Number

PI Purchaser's Item Code

UA U.P.C./EAN Case Code (2-5-5)

UK GTIN 14-digit Data Structure

Description: *Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

UP UCC - 12

Description: *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Identification Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

G1708	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service**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.

G69 Line Item Detail - Description

Pos: 0200	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						

G20 Item Packing Detail

Pos: 0400	Max: 1
Detail - Optional	
Loop: 0300	Elements: 3

User Option (Usage): Used

Purpose: To specify packing details of the items shipped

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>
G2001	356	Pack	O	N0	1/6	Used

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

G2002	357	Size	X	R	1/8	Used
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Description: Size of supplier units in pack

G2003	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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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: 844, Included: 3)

<u>Code</u>	<u>Name</u>
EA	Each
LB	Pound
OZ	Ounce - Av

Syntax Rules:

1. P0203 - If either G2002 or G2003 is present, then the other is required.
2. P0405 - If either G2004 or G2005 is present, then the other is required.
3. P0607 - If either G2006 or G2007 is present, then the other is required.

Loop Allowance or Charge

Pos: 0700	Repeat: 100
Optional	
Loop: 0310	Elements: N/A

User Option (Usage): Used
Purpose: To specify allowances, charges, or services

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0700	G72	Allowance or Charge	O	1		Used
0800	G73	Allowance or Charge Description	O	10		Used

G72 Allowance or Charge

Pos: 0700	Max: 1
Detail - Optional	
Loop: 0310	Elements: 8

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: 127, Included: 6)

Code Name

40	Slip Sheet Allowance
51	Trade Discount
58	Unsaleable Merchandise Allowance
90	Performance Allowance
95	Swell
97	Cents Off

G7202	331	Allowance or Charge Method of Handling Code	M	ID	2/2	Must use
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Description: Code indicating method of handling for an allowance or charge

CodeList Summary (Total Codes: 22, Included: 1)

Code Name

02	Off Invoice
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G7205	359	Allowance or Charge Rate	X	R	1/15	Used
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Description: Allowance or Charge Rate per Unit

G7206	339	Allowance or Charge Quantity	X	R	1/10	Used
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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	X	ID	2/2	Used
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Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

G7208	360	Allowance or Charge Total Amount	X	N2	1/15	Used
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Description: Total dollar amount for the allowance or charge

G7209	332	Percent, Decimal Format	X	R	1/6	Used
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Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%)

G7210	828	Dollar Basis For Percent	X	R	1/9	Used
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Description: Dollar basis to be used in the percent calculation of the allowance, charge or tax

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.

G73 Allowance or Charge Description

Pos: 0800	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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.

G31 Total Invoice Quantity

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 7

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	M	R	1/10	Must use
Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set						
G3102	355	Unit or Basis for Measurement Code	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: 845, Included: 2)						
<u>Code</u> <u>Name</u>						
CA Case						
UN Unit						
G3103	81	Weight	X	R	1/10	Used
Description: Numeric value of weight						
G3104	355	Unit or Basis for Measurement Code	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: 844, Included: 1)						
<u>Code</u> <u>Name</u>						
LB Pound						
G3105	183	Volume	X	R	1/8	Used
Description: Value of volumetric measure						
G3106	355	Unit or Basis for Measurement Code	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: 844, Included: 1)						
<u>Code</u> <u>Name</u>						
CF Cubic Feet						
G3107	398	Order Sizing Factor	O	R	1/10	Used
Description: A product specification other than gross or net weight, or cubic feet for a line item or transaction used for order sizing and pricing purposes						

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: 0200	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: 0300	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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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	M	N0	1/6	Must use
Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

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

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