

# **Core-Mark 880 Grocery Products Invoice**

**X12/V5010/880 : 880 Grocery Products Invoice**

<b>Author:</b>	<b>SPS Commerce</b>
<b>Company:</b>	<b>Core-Mark</b>
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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.

## Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
0100	ST	Transaction Set Header	M	1			Must use
0200	G01	Invoice Identification	M	1			Must use
0300	N9	Extended Reference Information	M	5			Must use
0400	G61	Contact	O	2			Used
0500	G62	Date/Time	M	2			Must use
0600	NTE	Note/Special Instruction	O	20			Used
0800	G23	Terms of Sale	O	1		N1/0800	Used
0900	G25	F.O.B. Information	M	1			Must use
<b>LOOP ID - 0100</b>					<b>3</b>	<b>N1/1000L</b>	
1000	N1	Party Identification	M	1		N1/1000	Must use
1100	N2	Additional Name Information	O	1			Used
1200	N3	Party Location	M	1			Must use
1300	N4	Geographic Location	M	1			Must use
<b>LOOP ID - 0200</b>					<b>25</b>		
1400	G72	Allowance or Charge	M	1			Must use
1500	G73	Allowance or Charge Description	C	1			Used

## Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
<b>LOOP ID - 0300</b>					<b>9999</b>	<b>N2/0100L</b>	
0100	G17	Item Detail - Invoice	M	1		N2/0100	Must use
0200	G69	Line Item Detail - Description	M	1			Must use
0300	G19	Line Item Detail - Quantity/Unit of Measure/Price Differences	C	10			Used
0400	G20	Item Packing Detail	O	1			Used
0450	N9	Extended Reference Information	M	2			Must use
<b>LOOP ID - 0310</b>					<b>25</b>		
0700	G72	Allowance or Charge	M	1			Must use
0800	G73	Allowance or Charge Description	C	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

**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.

# 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:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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)

**Code Name**

880 Grocery Products Invoice

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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**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	<b>Date</b>	M	DT	8/8	Must use
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
<b>User Note 1:</b> <i>Invoice Date</i>						
G0102	76	<b>Invoice Number</b>	M	AN	1/22	Must use
<b>Description:</b> Identifying number assigned by issuer						
<b>User Note 1:</b> <i>If the order was sent with Core-Mark Segment 'Core-Mark Iowa' then the invoice number min/max = 1/10</i>						
<i>850: REF02 (REF01 = 06)</i>						
<i>875: N902 (N901 = 06)</i>						
G0103	373	<b>Date</b>	O	DT	8/8	Used
<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year						
<b>User Note 1:</b> <i>PO Date</i>						
G0104	324	<b>Purchase Order Number</b>	M	AN	1/22	Must use
<b>Description:</b> 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: 5
Heading - Mandatory	
Loop: N/A	Elements: 2

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

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## User Note 1:

*One of Bill of Lading Number (REF01 = BM), CarrierProNumber (REF01 = CN) or Tracking Number (2I) is recommended. (Both a carrier pro number and tracking number should not be sent).*

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**CodeList Summary** (Total Codes: 1731, Included: 6)

### Code Name

19 Division Identifier

#### User Note 1:

*Optional - Recommended to send if provided on the Purchase Order*

*Core-Mark assigned division number*

2I Tracking Number

BM Bill of Lading Number

CN Carrier's Reference Number (PRO/Invoice)

CO Customer Order Number

#### User Note 1:

*Required if present on the Purchase Order*

IA Internal Vendor Number

#### User Note 1:

*Mandatory - Core-Mark assigned Vendor ID*

N902	127	Reference Identification	M	AN	1/50	Must use
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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.

# G61 Contact

<b>Pos: 0400</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 4</b>

**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
<b>Description:</b> Code identifying the major duty or responsibility of the person or group named						
<b>CodeList Summary</b> (Total Codes: 238, Included: 1)						
<u>Code</u> <u>Name</u>						
BI      Bill Inquiry Contact						
G6102	93	Name	O	AN	1/60	Used
<b>Description:</b> Free-form name						
G6103	365	Communication Number Qualifier	X	ID	2/2	Used
<b>Description:</b> Code identifying the type of communication number						
<b>CodeList Summary</b> (Total Codes: 42, Included: 2)						
<u>Code</u> <u>Name</u>						
EM      Electronic Mail						
TE      Telephone						
G6104	364	Communication Number	X	AN	1/256	Used
<b>Description:</b> Complete communications number including country or area code when applicable						

## Syntax Rules:

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

## Comments:

1. G6103 qualifies G6104.



# G62 Date/Time

Pos: 0500	Max: 2
Heading - Mandatory	
Loop: N/A	Elements: 2

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

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	M	ID	2/2	Must use

**Description:** Code specifying type of date

**CodeList Summary** (Total Codes: 139, Included: 2)

**Code Name**

11 Shipped on This Date

**User Note 1:**

*Mandatory*

17 Estimated Delivery Date

**User Note 1:**

*Optional*

G6202	373	Date	M	DT	8/8	Must use
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**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	M	ID	3/3	Must use

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

**CodeList Summary** (Total Codes: 348, Included: 1)

Code Name

GEN Entire Transaction Set

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.

# G23 Terms of Sale

<b>Pos: 0800</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N/A</b>	<b>Elements: 9</b>

**User Option (Usage):** Used

**Purpose:** To specify the terms of sale

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
G2301	336	<b>Terms Type Code</b>	M	ID	2/2	Must use								
<b>Description:</b> Code identifying type of payment terms														
<b>CodeList Summary</b> (Total Codes: 77, Included: 1)														
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>01</td><td>Basic</td></tr></table>							<u>Code</u>	<u>Name</u>	01	Basic				
<u>Code</u>	<u>Name</u>													
01	Basic													
G2302	333	<b>Terms Basis Date Code</b>	M	ID	1/2	Must use								
<b>Description:</b> Code identifying the beginning of the terms period														
<b>CodeList Summary</b> (Total Codes: 17, Included: 3)														
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>1</td><td>Ship Date</td></tr><tr><td>2</td><td>Delivery Date</td></tr><tr><td>3</td><td>Invoice Date</td></tr></table>							<u>Code</u>	<u>Name</u>	1	Ship Date	2	Delivery Date	3	Invoice Date
<u>Code</u>	<u>Name</u>													
1	Ship Date													
2	Delivery Date													
3	Invoice Date													
G2305	338	<b>Terms Discount Percent</b>	O	R	1/6	Used								
<b>Description:</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date														
G2306	370	<b>Terms Discount Due Date</b>	X	DT	8/8	Used								
<b>Description:</b> 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	<b>Terms Discount Days Due</b>	C	N0	1/3	Used								
<b>Description:</b> Number of days in the terms discount period by which payment is due if terms discount is earned														
<b>User Note 1:</b> <i>If either G2305 or G2310 is present, then G2307 is required</i>														
G2308	446	<b>Terms Net Due Date</b>	O	DT	8/8	Used								
<b>Description:</b> Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year														
G2309	386	<b>Terms Net Days</b>	M	N0	1/3	Must use								
<b>Description:</b> Number of days until total invoice amount is due (discount not applicable)														
G2310	362	<b>Terms Discount Amount</b>	O	N2	1/10	Used								
<b>Description:</b> Total amount of terms discount														
G2315	3	<b>Free-form Message</b>	M	AN	1/60	Must use								
<b>Description:</b> 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 - Mandatory	
Loop: N/A	Elements: 3

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

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

## User Note 1:

*G2502 and G2503 are being set to mandatory per 880 EDI syntax rules*

## 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	<b>Shipment Method of Payment</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying payment terms for transportation charges						
<b>CodeList Summary</b> (Total Codes: 31, Included: 3)						
<b><u>Code</u> <u>Name</u></b>						
CC Collect						
PB Customer Pickup/Backhaul						
PP Prepaid (by Seller)						
G2502	433	<b>F.O.B. Point Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code identifying type of F.O.B. point						
<b>CodeList Summary</b> (Total Codes: 4, Included: 2)						
<b><u>Code</u> <u>Name</u></b>						
02 Destination						
04 Point of Origin						
G2503	434	<b>F.O.B. Point</b>	M	AN	1/30	Must use
<b>Description:</b> Descriptive name of F.O.B. point						

# Loop Party Identification

Pos: 1000Repeat: 3  
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:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
1000	N1	Party Identification	M	1		Must use
1100	N2	Additional Name Information	O	1		Used
1200	N3	Party Location	M	1		Must use
1300	N4	Geographic Location	M	1		Must use

# 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

## User Note 1:

*Only one repetition of each N101 qualifier is allowed.*

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 1500, Included: 3)

### Code Name

BT Bill-to-Party

#### **User Note 1:**

*Mandatory*

RI Remit To

#### **User Note 1:**

*Mandatory*

ST Ship To

#### **User Note 1:**

*Mandatory*

N102	93	Name	M	AN	1/60	Must use
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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)

**User Note 1:** *Return if provided on the Purchase Order*

*Required when N101 = BT*

**CodeList Summary** (Total Codes: 241, Included: 2)

### Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

**User Note 1:** *Return if provided on the Purchase Order*

*Required when N101 = BT*

## 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.



N2

Additional Name Information

Pos: 1100

Max: 1

Heading - Optional

Loop: 0100

Elements: 1

User Option (Usage): Used  
Purpose: To specify additional names

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>
N201	93	Name	M	AN	1/60	Must use
Description: Free-form name						

# N3 Party Location

Pos: 1200	Max: 1
Heading - Mandatory	
Loop: 0100	Elements: 2

User Option (Usage): Must use  
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

<b>Pos: 1300</b>	<b>Max: 1</b>
<b>Heading - Mandatory</b>	
<b>Loop: 0100</b>	<b>Elements: 4</b>

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

**Purpose:** To specify the geographic place of the named party

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	<b>City Name</b>	M	AN	2/30	Must use
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency				
N403	116	<b>Postal Code</b>	M	ID	3/15	Must use
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	<b>Country Code</b>	O	ID	2/3	Used
		<b>Description:</b> Code identifying the country				

## 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: 25  
Optional  
Loop: 0200 Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify allowances, charges, or services

## User Note 1:

*If allowance and charges are included on the PO, PFS expects those to be included in the invoice.*

## 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>
1400	G72	Allowance or Charge	M	1		Must use
1500	G73	Allowance or Charge Description	C	1		Used

# G72 Allowance or Charge

Pos: 1400	Max: 1
Heading - Mandatory	
Loop: 0200	Elements: 4

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

**Purpose:** To specify allowances, charges, or services

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
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: 18)

### Code Name

1 Free Goods

6 Pallet Charge

16 Minimum Charge

#### **User Note 1:**

*Small Order Charge*

41 Terms Allowance

#### **User Note 1:**

*Promotional Allowance*

43 Display Allowance

47 Competitive Marketing Allowance

#### **User Note 1:**

*Price & Marketing Allowance*

54 Pickup Allowance

88 Mutually Defined

#### **User Note 1:**

*G7301 description must be included*

*Should only be used for charges, not allowances*

90 Performance Allowance

#### **User Note 1:**

*Promotional Discount*

110 Adjustment

499 Other Allowance

#### **User Note 1:**

*Special Allowance*

501 Taxes

#### **User Note 1:**

*Use for any other applicable taxes*

503 Special Handling

#### **User Note 1:**

*Transportation Charge*

504 Freight

525 Deposit Charge - Resale Item

**Code Name****User Note 1:***Bottle Fee*

537 State or Province Tax

**User Note 1:***PST/QST*

990 Goods and Services Charge

**User Note 1:***Used for GST tax*

999 Other Charges

**User Note 1:***Used for HST tax*

G7202	331	<b>Allowance or Charge Method of Handling Code</b>	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

G7203	341	<b>Allowance or Charge Number</b>	X	AN	1/16	Used
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**Description:** The number assigned by a vendor referencing an allowance, promotion, deal or charge

G7208	360	<b>Allowance or Charge Total Amount</b>	M	N2	1/15	Must use
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**Description:** Total dollar amount for the allowance or charge**User Note 1:** *Must always be a positive value. G7201 defines if this amount is added or subtracted from the total.***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: 1
Heading - Conditional	
Loop: 0200	Elements: 1

**User Option (Usage):** Used

**Purpose:** To describe the allowance or charge in free-form format

## User Note 1:

*Required when G7201 = 88*

## 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  
Mandatory  
Loop: 0300 Elements: N/A

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

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

## 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>
0100	G17	Item Detail - Invoice	M	1		Must use
0200	G69	Line Item Detail - Description	M	1		Must use
0300	G19	Line Item Detail - Quantity/Unit of Measure/Price Differences	C	10		Used
0400	G20	Item Packing Detail	O	1		Used
0450	N9	Extended Reference Information	M	2		Must use
0700		Loop 0310	O		25	Used



# G17 Item Detail - Invoice

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 9

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

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

## User Note 1:

*One of Core-Mark SKU (SK), Vendor Part Number (VN), UPC (UA) or GTIN (UK, see N9 segment) must be returned as sent on the Purchase Order*

*Recommended to send all part numbers received back on the 810*

## 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: 7)				
		<u>Code</u>	<u>Name</u>			
		BX	Box			
		CA	Case			
		CT	Carton			
		EA	Each			
		KG	Kilogram			
		LB	Pound			
		PK	Package			
G1703	237	Item List Cost	M	R	1/9	Must use
		Description: Gross unit cost within the appropriate price bracket for a line item				
G1704	438	U.P.C. Case Code	C	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	C	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		CodeList Summary (Total Codes: 519, Included: 2)				
		<u>Code</u>	<u>Name</u>			
		SK	Stock Keeping Unit (SKU)			
		User Note 1:				
		Core-Mark assigned SKU				
		VN	Vendor's (Seller's) Item Number			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G1706	234	<b>Product/Service ID</b>	C	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
G1707	235	<b>Product/Service ID Qualifier</b>	C	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 519, Included: 2)				
		<b><u>Code</u> <u>Name</u></b>				
		SK Stock Keeping Unit (SKU)				
		<b>User Note 1:</b>				
		Core-Mark assigned SKU				
		VN Vendor's (Seller's) Item Number				
G1708	234	<b>Product/Service ID</b>	C	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
G1714	782	<b>Monetary Amount</b>	M	R	1/18	Must use
		<b>Description:</b> Monetary amount				
		<b>User Note 1:</b> <i>Extended Item Total (price*qty)</i>				

**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: 1  
Detail - Mandatory  
Loop: 0300 Elements: 1

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

**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

# G19 Line Item Detail - Quantity/Unit of Measure/Price Differences

Pos: 0300 Max: 10  
Detail - Conditional  
Loop: 0300 Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify details when differences exist between 1) Quantities ordered/quantities shipped 2) Units of measurement 3) Pricing 4) Coupons redeemed/validated

## User Note 1:

*If G1702 = LB or KG, then the G19 segment is required.*

## 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>												
G1901	382	Number of Units Shipped	M	R	1/10	Must use												
<b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set																		
G1902	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use												
<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken																		
<b>CodeList Summary</b> (Total Codes: 844, Included: 5)																		
<table><tr><th><u>Code</u></th><th><u>Name</u></th></tr><tr><td>BX</td><td>Box</td></tr><tr><td>CA</td><td>Case</td></tr><tr><td>CT</td><td>Carton</td></tr><tr><td>EA</td><td>Each</td></tr><tr><td>PK</td><td>Package</td></tr></table>							<u>Code</u>	<u>Name</u>	BX	Box	CA	Case	CT	Carton	EA	Each	PK	Package
<u>Code</u>	<u>Name</u>																	
BX	Box																	
CA	Case																	
CT	Carton																	
EA	Each																	
PK	Package																	

## Syntax Rules:

1. P0102 - If either G1901 or G1902 is present, then the other is required.
2. P0304 - If either G1903 or G1904 is present, then the other is required.
3. P0809 - If either G1908 or G1909 is present, then the other is required.

## Comments:

1. When G1904 contains "IS", G1907, G1908, and G1909, refer to the original item ordered.

# G20 Item Packing Detail

<b>Pos: 0400</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0300</b>	<b>Elements: 3</b>

**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	<b>Pack</b>	O	N0	1/6	Used
		<b>Description:</b> The number of inner containers, or number of eaches if there are no inner containers, per outer container				
G2002	357	<b>Size</b>	X	R	1/8	Used
		<b>Description:</b> Size of supplier units in pack				
G2003	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 844, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		EA	Each			

## 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.

# N9 Extended Reference Information

Pos: 0450	Max: 2
Detail - Mandatory	
Loop: 0300	Elements: 2

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

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**User Note 1:** Line Sequence number from the Purchase Order (850/875) must be returned on the 880 as sent on the order

**CodeList Summary** (Total Codes: 1731, Included: 2)

### Code Name

LI Line Item Identifier

#### User Note 1:

Mandatory - Return as sent on the Purchase Order

UK GTIN

#### User Note 1:

Conditional - used to send GTIN

Min/max = 1/48

N902	127	Reference Identification	M	AN	1/50	Must use
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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.

# Loop Allowance or Charge

Pos: 0700 Repeat: 25  
Optional  
Loop: 0310 Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify allowances, charges, or services

## User Note 1:

*If allowance and charges are included on the PO, PFS expects those to be included in the invoice.*

## 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	M	1		Must use
0800	G73	Allowance or Charge Description	C	10		Used

# G72 Allowance or Charge

Pos: 0700	Max: 1
Detail - Mandatory	
Loop: 0310	Elements: 4

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

**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: 14)

### Code Name

1 Free Goods

6 Pallet Charge

16 Minimum Charge

**User Note 1:**

*Small Order Charge*

41 Terms Allowance

**User Note 1:**

*Promotional Allowance*

43 Display Allowance

47 Competitive Marketing Allowance

**User Note 1:**

*Price & Marketing Allowance*

54 Pickup Allowance

88 Mutually Defined

**User Note 1:**

*G7301 description must be included*

*Should only be used for charges, not allowances*

90 Performance Allowance

**User Note 1:**

*Promotional Discount*

110 Adjustment

499 Other Allowance

**User Note 1:**

*Special Allowance*

503 Special Handling

**User Note 1:**

*Transportation Charge*

504 Freight

525 Deposit Charge - Resale Item

**User Note 1:**

*Bottle Fee*

G7202	331	Allowance or Charge Method of	M	ID	2/2	Must use
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u> <u>Handling Code</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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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

G7203	341	<b>Allowance or Charge Number</b>	X	AN	1/16	Used
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**Description:** The number assigned by a vendor referencing an allowance, promotion, deal or charge

G7208	360	<b>Allowance or Charge Total Amount</b>	M	N2	1/15	Must use
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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: 0800	Max: 10
Detail - Conditional	
Loop: 0310	Elements: 1

User Option (Usage): Used  
Purpose: To describe the allowance or charge in free-form format

User Note 1:  
*Required when G7201 = 88*

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.

# G31 Total Invoice Quantity

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 4

**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

## User Note 1:

*G31 segment is set to mandatory per 880 EDI syntax rules*

## 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	<b>Number of Units Shipped</b>	M	R	1/10	Must use
		<b>Description:</b> Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set				
G3102	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 844, Included: 8)				
		<u>Code</u>	<u>Name</u>			
		BX	Box			
		CA	Case			
		CT	Carton			
		EA	Each			
		KG	Kilogram			
		LB	Pound			
		PK	Package			
		UN	Unit			
G3103	81	<b>Weight</b>	X	R	1/10	Used
		<b>Description:</b> Numeric value of weight				
G3104	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<b>CodeList Summary</b> (Total Codes: 844, Included: 1)				
		<u>Code</u>	<u>Name</u>			
		LB	Pound			

## 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
<b>Description:</b> Monetary amount						
<b>User Note 1:</b> Total amount of Invoice. Sum of the (item qty * price) +/- the charges and allowances, if sent						

# 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:

<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
<b>Description:</b> 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
<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set						

## Comments:

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