

875 Grocery Products Purchase Order

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Trading Partner:

Notes:

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875 Grocery Products Purchase Order

Functional Group=OG

Purpose: This Draft Standard for Trial Use contains the format establishes the data contents of the Grocery Products Purchase Order Transaction Set (875) 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 the placement of purchase orders for finished goods in a retail or wholesale consumer market. This standard can be used by a retailer or wholesaler organization to request delivery of finished goods from a broker or supplier organization. This transaction set should not be used to convey purchase order changes or purchase order acknowledgement information.

If the G23 segment is used, it may be used in the header area or detail area, but not both.

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	G50	Purchase Order Identification	M	1			Must use
040	G61	Contact	O	3			Used
050	G62	Date/Time	O	10			Used
060	NTE	Note/Special Instruction	O	20			Used
080	G23	Terms of Sale	O	20		N1/080	Used
LOOP ID - 0100					10	N1/090L	
090	N1	Name	M	1		N1/090	Must use
100	N2	Additional Name Information	O	1			Used
110	N3	Address Information	O	2			Used
120	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		
010	G68	Line Item Detail - Product	M	1			Must use
020	G69	Line Item Detail - Description	O	5			Used
030	G70	Line Item Detail - Miscellaneous	O	2			Used
LOOP ID - 0310					100		
060	G72	Allowance or Charge	O	1			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	G76	Total Purchase Order	M	1			Must use
020	SE	Transaction Set 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 G68 segment.

- 1/090L One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.
- 1/090 One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.

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)

Code Name

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

G50 Purchase Order Identification

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

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>
G5001	473	Order Status Code	M	ID	1/1	Must use
		Description: Code identifying purpose of transaction set				
		CodeList Summary (Total Codes: 12, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		C		Confirmation		
		N		Original		
G5002	373	Date	M	DT	8/8	Must use
		Description: Date expressed as CCYYMMDD				
G5003	324	Purchase Order Number	M	AN	1/22	Must use
		Description: Identifying number for Purchase Order assigned by the orderer/purchaser				

Syntax Rules:

1. P0506 - If either G5005 or G5006 is present, then the other is required.

Semantics:

1. G5002 is the date assigned by the purchaser to the purchase order.

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: 14)

Code Name

- AD Accounting Department
- AP Accounts Payable Department
- AR Accounts Receivable Department
- BC Broker Contact
- BD Buyer Name or Department
- EX Expeditor
- IC Information Contact
- MG Manager
- NT Notification Contact
- OD Order Department
- PF Price Administration
- SC Schedule Contact
- SR Sales Representative or Department
- WH Warehouse

G6102	93	Name	M	AN	1/60	Must use
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Description: Free-form name

G6103	365	Communication Number Qualifier	C	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 7)

Code Name

- ED Electronic Data Interchange Access Number
- EM Electronic Mail
- EX Telephone Extension
- FX Facsimile
- TE Telephone
- TL Telex
- TX TWX

G6104	364	Communication Number	C	AN	1/80	Used
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Description: Complete communications number including country or area code when applicable

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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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: 10
Heading - Optional	
Loop: N/A	Elements: 4

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

CodeList Summary (Total Codes: 137, Included: 68)

Code Name

01	Cancel After This Date
02	Delivery Requested on This Date
03	Invoice Date
04	Purchase Order Date
06	Sold Date
07	Effective Date
08	Purchase Order Received
09	Process Date
10	Requested Ship Date/Pick-up Date
11	Shipped on This Date
12	Terms Discount Due Date
13	Terms Net Due Date
14	Preferred Payment Date
15	Promotion Start
16	Promotion End
17	Estimated Delivery Date
18	Date Available/Constructive Replacement
19	Date Unloaded
20	Check Date
22	Freight Bill Date
23	Promotion Order Date - Start
24	Promotion Order Date - End
25	Promotion Ship Date - Start
26	Promotion Ship Date - End
27	Promotion Requested Delivery Date - Start
28	Promotion Requested Delivery Date - End
29	Promotion Performance Date - Start
30	Promotion Performance Date - End
31	Promotion Invoice Protection Date - Start
32	Promotion Invoice Protection Date - End
33	Promotion Floor Stock Protect - Start
34	Promotion Floor Stock Protect - End
35	Delivered on This Date
36	Expiration Date

Code Name

- 37 Ship Not Before Date
- 38 Ship Not Later Than Date
- 39 Ship Week Of Date
- 41 Date Invoice Created
- 42 Buy Period Date - Start
- 43 Buy Period Date - End
- 45 Notified
- 46 Actual Placement
- 47 Released
- 52 Ordered
- 53 Deliver Not Before Date
- 54 Deliver No Later Than Date
- 55 Deliver Week Of
- 58 Price Change Last Order Date
- 59 Price Change Last Arrival Date
- 60 Price Change Last Ship Date
- 61 Price Change Effective Date
- 69 Scheduled Pick-Up Date
- 70 Scheduled Delivery Date
- 71 Est. Next Promo. Date Start
- 72 Est. Next Promo. Date End
- 73 Est. Next Promo. Ship Date Start
- 74 Estimated Next Promotion Ship Date End
- 77 Pickup Appointment Scheduled Date
- 78 Delivery Appointment Scheduled Date
- 87 First Order Date
- 88 First Ship Date
- 89 First Arrival Date
- AA Store Inventory Stock
- AB Warehouse Inventory Stock
- BP Contract Closed
- BS Product Receipt Date
- CA Cutoff Date
- PE Period End

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

Description: Date expressed as CCYYMMDD

G6203 176 **Time Qualifier** C ID 1/2 Used

Description: Code specifying the reported time

CodeList Summary (Total Codes: 42, Included: 13)

Code Name

- 3 Delivery Appointment Scheduled Time
- A Actual Departure Time
- D Estimated Departure Time
- E Estimated Arrival Time
- F Actual Unloading Completed

Code Name

G Earliest Requested Deliver Time
L Latest Requested Delivery Time
N Notified
R Actual Arrival Time
S Scheduled Departure Time
T Scheduled Arrival Time
V Actual Unloading Started
W Effective Time

G6204 337 **Time** C TM 4/8 Used

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

User Note 1:

This segment is used to provide delivery or pick-up date instructions.

When the expectation is for the supplier to arrange transportation, G6602 should contain code M and at least one iteration of the G62 segment should be sent with G6201 containing either code 02 or 10 and G6202 containing the associated date. When the expectation is for the customer to arrange transportation (customer pickup), G6602 should contain code H and one iteration of the G62 segment should be sent with G6201 containing code 10 and G6202 containing the associated date.

NTE Note/Special Instruction

Pos: 060	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: 241, Included: 9)

Code Name

ALL All Documents
BOL Bill of Lading Note
DEL Delivery
GEN Entire Transaction Set
INV Invoice Instruction
LIN Line Item
PMT Payment
TRA Transportation
WHI Warehouse Instruction

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 processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

User Note 1:

This segment is normally not used in this transaction.

G23 Terms of Sale

Pos: 080	Max: 20
Heading - Optional	
Loop: N/A	Elements: 16

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: 9)

Code Name

- 01 Basic
- 02 End of Month (EOM)
- 03 Fixed Date
- 04 Deferred or Installment
- 05 Discount Not Applicable
- 06 Mixed
- 07 Extended
- 08 Basic Discount Offered
- 11 Elective

G2302	333	Terms Basis Date Code	M	ID	1/2	Must use
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Description: Code identifying the beginning of the terms period

All valid standard codes are used. (Total Codes: 17)

G2303	282	Terms Start Date	O	DT	8/8	Used
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Description: Date from which payment terms are calculated expressed in format CCYYMMDD

G2304	283	Terms Due Date Qualifier	O	ID	2/2	Used
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Description: Code identifying the method to be used for payment in conjunction with due date

All valid standard codes are used. (Total Codes: 4)

G2305	338	Terms Discount Percent	O	R3	1/6	Used
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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
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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
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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
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		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)				
G2312	390	Amount Subject to Terms Discount	O	N2	1/10	Used
		Description: Amount upon which the terms discount amount is calculated				
G2313	343	Installment Total Invoice Amount Due	O	N2	1/10	Used
		Description: Deferred or installment portion of the total invoice (including charges, less allowances) before terms discount (if discount is applicable)				
		User Note 1: G2313 is used only at the total transaction set level.				
G2314	342	Percent of Invoice Payable	O	R3	1/5	Used
		Description: Amount of invoice payable expressed in percent				
		User Note 1: G2314 is used only at the total transaction set level.				
G2315	3	Free Form Message	O	AN	1/60	Used
		Description: Free-form text				
G2316	713	Installment Group Indicator	O	N0	2/2	Used
		Description: The installment group indicator is a 2-digit serial number beginning with 01 (i.e., 01, 02, 03 or 04); it is used to group "elective" terms types in an installment payment situation; the same indicator must be used for all segments in the same installment				
		User Note 1: G2316 is used only at the total transaction set level.				

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.

User Note 1:

Use of the G23 segment does not define Terms of Sale. Terms of Sale are based on the customer contract with Ingram Entertainment Inc.

This segment may be accepted, but it does not alter any system defaults we use for processing your purchase orders.

Loop Name

Pos: 090	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>
090	N1	Name	M	1		Must use
100	N2	Additional Name Information	O	1		Used
110	N3	Address Information	O	2		Used
120	N4	Geographic Location	O	1		Used

Comments:

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

N1 Name

Pos: 090	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: 8)

Code Name

BO Broker or Sales Office
BS Bill and Ship To
BT Bill-to-Party
BY Buying Party (Purchaser)
SF Ship From
SN Store
ST Ship To
VN Vendor

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

N103	66	Identification Code Qualifier	C	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: 215, Included: 4)

Code Name

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix
10 Department of Defense Activity Address Code (DODAAC)
91 Assigned by Seller or Seller's Agent
92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	C	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.

N2 Additional Name Information

Pos: 100	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Used

Purpose: To specify additional names or those longer than 35 characters in length

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				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

Pos: 110	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: 120	Max: 1
Heading - Optional	
Loop: 0100	Elements: 6

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	O	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)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				
N405	309	Location Qualifier	C	ID	1/2	Used
		Description: Code identifying type of location All valid standard codes are used. (Total Codes: 172)				
N406	310	Location Identifier	O	AN	1/30	Used
		Description: Code which identifies a specific location				

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.

Loop Line Item Detail - Product

Pos: 010	Repeat: 9999
Mandatory	
Loop: 0300	Elements: N/A

User Option (Usage): Must use

Purpose: To specify basic and most frequently used purchase order line item data

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>
010	G68	Line Item Detail - Product	M	1		Must use
020	G69	Line Item Detail - Description	O	5		Used
030	G70	Line Item Detail - Miscellaneous	O	2		Used
060		Loop 0310	O		100	Used

Comments:

1. G6802 qualifies G6801.

User Note 1:

Effective with UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the use of 12-digit product identifiers, the G6804 (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 G6805. 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 the transition, the UK qualifier and the corresponding 14-digit product code should be communicated in G6805 and G6806, respectively.

G68 Line Item Detail - Product

Pos: 010	Max: 1
Detail - Mandatory	
Loop: 0300	Elements: 15

User Option (Usage): Must use

Purpose: To specify basic and most frequently used purchase order line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6801	330	Quantity Ordered	M	R0	1/15	Must use

Description: Quantity ordered

G6802	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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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

User Note 1: If G6802 contains code AS, the G6803 is not used.

CodeList Summary (Total Codes: 794, Included: 17)

<u>Code</u>	<u>Name</u>
AS	Assortment
BA	Bale
BG	Bag
BO	Bottle
BR	Barrel
CA	Case
CW	Hundred Pounds (CWT)
DS	Display
DZ	Dozen
EA	Each
FT	Foot
GA	Gallon
LB	Pound
OZ	Ounce - Av
PL	Pallet/Unit Load
PT	Pint
QT	Quart

G6803	237	Item List Cost	O	R4	1/9	Used
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Description: Gross unit cost within the appropriate price bracket for a line item

G6804	438	U.P.C. Case Code	C	AN	12/12	Used
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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: G6804 is used only when G6802 contains code CA.

G6805	235	Product/Service ID Qualifier	C	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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User Note 1: *The codes listed for G6805 apply to every occurrence of data element 235 in the G68 segment.*

CodeList Summary (Total Codes: 477, Included: 8)

Code Name

P8 Retail Price Look Up Number (PLU)
 PI Purchaser's Item Code
 UD U.P.C./EAN Consumer Package Code (2-5-5)
 UE U.P.C./EAN Module Code (2-5-5)
 UI U.P.C. Consumer Package Code (1-5-5)
 UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
 UP U.P.C. Consumer Package Code (1-5-5-1)
 VN Vendor's (Seller's) Item Number

G6806	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

G6807	235	Product/Service ID Qualifier	C	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 44)

Code Name

AC Aggregation Code (Used to Consolidate Part Families)
 AG Age
 BC Supplier Brand Code
 BL Brand/Label
 BV Beverage Common Code
 CL Color
 CN Commodity Name
 DI Deposit Item Number
 EA EAN-99 In-store Coupon Code
 EN European Article Number (EAN) (2-5-5-1)
 GC Grade Code
 IN Buyer's Item Number
 LT Lot Number
 MF Manufacturer
 NR Non-resaleable item (excluding deposit) number
 OA Old U.P.C./EAN Case Code
 OB Old U.P.C./EAN Multipack Code
 OC Old U.P.C./EAN Consumer Package Code
 OD Old U.P.C./EAN Module Code
 OR Offer Number
 P8 Retail Price Look Up Number (PLU)
 PI Purchaser's Item Code
 PJ Product Date Code (A code indicating the period during which a product was manufactured.)
 SV Service Rendered
 U2 U.P.C. Shipping Container Code (1-2-5-5)

Code Name

UA U.P.C./EAN Case Code (2-5-5)
UB U.P.C./EAN Multipack Code
UC U.P.C. Suffix (Defines Packing Variations)
UD U.P.C./EAN Consumer Package Code (2-5-5)
UE U.P.C./EAN Module Code (2-5-5)
UF User-Defined Shipping Container Identifier
UG Drug U.P.C. Consumer Package Code (1-4-6-1)
UH Drug U.P.C. Shipping Container Code (1-2-4-6-1)
UI U.P.C. Consumer Package Code (1-5-5)
UJ U.P.C./EAN Coupon Code (2-5-5)
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)
UL U.P.C. Coupon Code (1-5-5-1)
UN U.P.C. Case Code Number (1-1-5-5)
UO SSCC-18 and Application Identifier
UP U.P.C. Consumer Package Code (1-5-5-1)
UR UCC/EAN-128 Coupon Extended Code
VN Vendor's (Seller's) Item Number
VT Vintage
W5 Reclamation Process

G6808 234 **Product/Service ID** C AN 1/48 Used

Description: Identifying number for a product or service

G6809 417 **Price Bracket Identifier** O AN 1/3 Used

Description: Identifier assigned by the vendor for a specific price bracket

G6810 258 **Quantity Cost** C N4 1/9 Used

Description: Cost per unit as expressed in the associated data element 355 (Unit of Measure) whenever unit is different than the quantity ordered

G6811 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: 16)

Code Name

BA Bale
BG Bag
BO Bottle
BR Barrel
CA Case
CW Hundred Pounds (CWT)
DS Display
DZ Dozen
EA Each
FT Foot
GA Gallon
LB Pound

Code Name

OZ Ounce - Av
PL Pallet/Unit Load
PT Pint
QT Quart

G6812	439	Price List Number	O	AN	1/16	Used
		Description: Identification number assigned by a vendor to a price list				
G6813	440	Price List Issue Number	O	AN	1/16	Used
		Description: Number assigned to revised or new issues of a price list				
G6814	857	Pre-Price Quantity Designator	O	N6	1/9	Used
		Description: Number of units for which retail value is quoted				
G6815	858	Retail Pre-Price	O	R2	1/9	Used
		Description: Retail value to be placed/printed for an item appearing on the transmitted purchase order				

Syntax Rules:

1. R0405 - At least one of G6804 or G6805 is required.
2. P0506 - If either G6805 or G6806 is present, then the other is required.
3. P0708 - If either G6807 or G6808 is present, then the other is required.
4. P1011 - If either G6810 or G6811 is present, then the other is required.

Comments:

1. G6802 qualifies G6801.

User Note 1:

Effective with UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the use of 12-digit product identifiers, the G6804 (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 G6805. 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 the transition, the UK qualifier and the corresponding 14-digit product code should be communicated in G6805 and G6806, 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

G70 Line Item Detail - Miscellaneous

Pos: 030 Max: 2
 Detail - Optional
 Loop: 0300 Elements: 10

User Option (Usage): Used

Purpose: To provide for miscellaneous information relative to a line item

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>
G7001	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

G7002	357	Size	C	R3	1/8	Used
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Description: Size of supplier units in pack

G7003	355	Unit or Basis for Measurement Code	C	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: 794, Included: 13)

<u>Code</u>	<u>Name</u>
BA	Bale
BG	Bag
BR	Barrel
CA	Case
DZ	Dozen
EA	Each
FT	Foot
GA	Gallon
LB	Pound
OZ	Ounce - Av
PL	Pallet/Unit Load
PT	Pint
QT	Quart

G7004	444	Purchase Order Instruction Code	O	ID	2/2	Used
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Description: Code defining the disposition of any difference between the quantity ordered and the quantity available for shipment

All valid standard codes are used. (Total Codes: 6)

G7005	381	Price Reason Code	O	ID	1/1	Used
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Description: Code identifying reason for differences in price or coupons redeemed

CodeList Summary (Total Codes: 17, Included: 11)

<u>Code</u>	<u>Name</u>
B	Back Order
C	Cents Off Label
D	Distress Merchandise

Code Name

F Intro Offering
H Unmatched Manufacturer ID
I Unmatched Coupon Family Code
J Purchase Requirement Not Satisfied
K Consumer Presented More Coupons Than Allowed
L Coupon Value Exceeds Retail Price
Q Price Quote
T Price Protection

G7006 445 **Terms Exception Code** O ID 2/2 Used

Description: Code specifying the type of terms exception

CodeList Summary (Total Codes: 10, Included: 5)

Code Name

DF Deferred
DG Damage Guarantee
DN Discount Not Applicable
EB Extended Billing
NI New Item Introduction

G7007 441 **Tax Exempt Code** O ID 1/1 Used

Description: Code identifying exemption status from sales and use tax

CodeList Summary (Total Codes: 34, Included: 2)

Code Name

1 Yes (Tax Exempt)
2 No (Not Tax Exempt)

G7008 397 **Color** O AN 1/10 Used

Description: Free-form description of color

G7009 416 **Pallet Block and Tiers** O N0 6/6 Used

Description: Code indicating pallet and load structure; first three digits indicate the number of cases per layer, last three digits indicate the number of layers per pallet

G7010 810 **Inner Pack** O N0 1/6 Used

Description: The number of eaches per inner container

Syntax Rules:

1. P0203 - If either G7002 or G7003 is present, then the other is required.

User Note 1:

This segment is required and G7001 is mandatory, when G6805 contains code UD, UI or UP.

Loop Allowance or Charge

Pos: 060	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>
060	G72	Allowance or Charge	O	1		Used

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 G6801 and G6802.

G72 Allowance or Charge

Pos: 060	Max: 1
Detail - Optional	
Loop: 0310	Elements: 11

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: 96)

Code Name

1	Free Goods
2	Shrink Allowance
3	Count and Recount
4	Fuel Allowance
5	Allowance Non-Performance
6	Pallet Charge
10	Drayage
11	Blast Freezing
12	Communication Expense
13	Handling In
14	Handling Out
15	Labor
16	Minimum Charge
17	Physical Inventory
18	Pick Rate
19	Postage
20	Slow Freezing
21	Storage
22	Supplies
23	Taking Weights
24	Telephone, Telex, Fax
25	United States Department of Agriculture (USDA) Inspection
26	Unloading
27	Withdrawal Line Item Rate
28	Direct Product Handling (DPC)
29	Price Adjustment Percent (PCT)
30	Post Damaged Handling (PDC)
31	Reclamation Center Handling (Chute)
32	Reclamation Shared Responsibility (SRS)
33	Maximum Price Percent (MAX)
34	Minimum Price Percent (MIN)
40	Slip Sheet Unloading Allowance
41	Terms Allowance
42	Central Buy

<u>Code</u>	<u>Name</u>
43	Display Allowance
44	Early Buy Allowance
45	New Discount
46	New Warehouse
47	Price and Marketing Allowance
48	Special Buy
50	Lump Sum
51	Trade Discount
52	Quantity Discount
53	Freight Allowance
54	Pick-up Allowance
55	Warehouse Allowance
58	Unsaleable Merchandise Allowance
60	Label Allowance
61	Handling Allowance
62	Freshness/Leaker Allowance
63	Floor Stock Protection
64	Full Truckload Allowance
65	New Item Allowance
66	Slotting Allowance
67	New Distribution Allowance
68	Scanner Allowance
70	Allowance for Consignment Merchandise
80	Combination Performance and Non-performance
81	Direct Plant Ship Allowance
90	Performance Allowance
91	Glaze Allowance
92	In Transit Price Protection
93	COOP Credit
94	Cigarette Stamping
95	Swell
97	Cents Off
100	Advertising Allowance
101	Voluntary Price Reduction
105	Pallet Allowance
106	Show Allowance
107	Indirect Customer Allowance
490	Goods and Services Credit Allowance
491	Tax Credit Allowance
501	Taxes
503	Special Handling
504	Freight
505	Insurance
506	Car Loading
509	Labeling
510	Koshering
511	Warehouse

Code Name

512 Palletizing
514 Surcharge
517 Demurrage
518 Service Charge
525 Deposit Charge - Resale Item
526 Beverage Tax
527 Environmental Handling Charge
537 State or Province Tax
550 Deposit Charge - Non-Resale Item
560 Equipment Rental Charge
561 Equipment Service Charge
562 Inter-warehouse Freight Charge
565 Inbound Postage
566 Outbound Postage
990 Goods and Services Charge

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: 11)

Code Name

01 Bill Back
02 Off Invoice
03 Vendor Check to Customer
05 Charge to be Paid by Vendor
06 Charge to be Paid by Customer
12 Cancel Allowance
15 Information Only
18 Non-Payable Tax
20 Accrual Fund
21 Flat Fund
25 Cash in Advance

G7203 341 **Allowance or Charge Number** C AN 1/16 Used

Description: The number assigned by a vendor referencing an allowance, promotion, deal or charge

G7204 769 **Exception Number** O AN 1/16 Used

Description: A unique number identifying an exception or modification to an offered or existing promotion

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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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: 794, Included: 88)

Code Name

15	Stick
1N	Count
58	Net Kilograms
AF	Centigram
AS	Assortment
BA	Bale
BG	Bag
BI	Bar
BL	Block
BN	Bulk
BO	Bottle
BR	Barrel
BU	Bushel
BX	Box
C3	Centiliter
CA	Case
CC	Cubic Centimeter
CE	Centigrade, Celsius
CF	Cubic Feet
CI	Cubic Inches
CM	Centimeter
CN	Can
CO	Cubic Meters (Net)
CQ	Cartridge
CR	Cubic Meter
CT	Carton
CU	Cup
CV	Cover
CW	Hundred Pounds (CWT)
DA	Days
DG	Decigram
DL	Deciliter
DM	Decimeter
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
EV	Envelope
FA	Fahrenheit
FJ	Sizing Factor
FO	Fluid Ounce
FT	Foot

<u>Code</u>	<u>Name</u>
GA	Gallon
GR	Gram
GT	Gross Kilogram
HC	Hundred Count
HD	Half Dozen
IN	Inch
JR	Jar
KE	Keg
KG	Kilogram
KT	Kit
LB	Pound
LF	Linear Foot
LK	Link
LM	Linear Meter
LR	Layer(s)
LT	Liter
ML	Milliliter
MM	Millimeter
MR	Meter
MX	Mixed
NT	Trailer
OZ	Ounce - Av
P1	Percent
PA	Pail
PC	Piece
PE	Pounds Equivalent
PG	Pounds Gross
PK	Package
PL	Pallet/Unit Load
PN	Pounds Net
PR	Pair
PT	Pint
PY	Peck, Dry U.S.
QS	Quart, Dry U.S.
QT	Quart
SF	Square Foot
SH	Sheet
SM	Square Meter
SX	Shipment
TE	Tote
TK	Tank
UN	Unit
UY	Fifty Square Feet
UZ	Fifty Count
V2	Pouch
YD	Yard

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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				
G7210	828	Dollar Basis For Percent	C	R2	1/9	Used
		Description: Dollar basis to be used in the percent calculation of the allowance, charge or tax				
G7211	770	Option Number	O	AN	1/20	Used
		Description: A unique number identifying available promotion or allowance options when more than one is offered				

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 G6801 and G6802.

G76 Total Purchase Order

Pos: 010	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 10

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>
G7601	330	Quantity Ordered	M	R0	1/15	Must use

Description: Quantity ordered

User Note 1: G7601 contains the hash total of all G6801 values.

G7602	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
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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: 794, Included: 1)

Code Name

UN Unit

G7603	81	Weight	C	R2	1/10	Used
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Description: Numeric value of weight

G7604	355	Unit or Basis for Measurement Code	C	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: 794, Included: 2)

Code Name

LB Pound

OZ Ounce - Av

G7605	183	Volume	C	R3	1/8	Used
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Description: Value of volumetric measure

G7606	355	Unit or Basis for Measurement Code	C	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: 794, Included: 1)

Code Name

CF Cubic Feet

G7607	398	Order Sizing Factor	O	R3	1/10	Used
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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

G7608	610	Amount	O	N2	1/15	Used
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Description: Monetary amount

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G7609	417	Price Bracket Identifier	O	AN	1/3	Used
		Description: Identifier assigned by the vendor for a specific price bracket				
G7610	107	Payment Method Code	O	ID	1/2	Used
		Description: Code identifying type of payment procedures				
		All valid standard codes are used. (Total Codes: 37)				

Syntax Rules:

1. P0304 - If either G7603 or G7604 is present, then the other is required.
2. P0506 - If either G7605 or G7606 is present, then the other is required.
3. C0704 - If G7607 is present, then G7604 is required.

Semantics:

1. G7608 indicates the total monetary amount of the purchase order as determined by the buyer.

Comments:

1. G7602 qualifies G7601.

SE Transaction Set Trailer

Pos: 020	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.