

875 Grocery Products Purchase Order

Functional Group ID=OG

Introduction:

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 acknowledgment information.

Notes:

This document defines the business requirements for the AAFES Purchase Order for Distributor's. All segments marked "RECOMMENDED", and elements marked "R" are required by AAFES and will always be transmitted in the AAFES purchase order unless noted in the segment definition. All elements marked "M" are mandatory by the standards. All unmarked segments and elements will be transmitted as necessary in their respective segments.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	0100	ST	Transaction Set Header	M	1		
4	0200	G50	Purchase Order Identification	M	1		
Not Used	0300	N9	Reference Identification	O	50		
5	0400	G61	Contact	O	3		
6	0500	G62	Date/Time	O	10		
Not Used	0600	NTE	Note/Special Instruction	O	20		
Not Used	0700	G66	Transportation Instructions	O	1		
Not Used	0800	G23	Terms of Sale	O	20		n1
LOOP ID - 0100						10	
7	0900	N1	Name	M	1		n2
8	1000	N2	Additional Name Information	O	1		
9	1100	N3	Address Information	O	2		
10	1200	N4	Geographic Location	O	1		
LOOP ID - 0200						100	
Not Used	1300	G72	Allowance or Charge	O	1		
Not Used	1400	G73	Allowance or Charge Description	O	10		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - 0300						9999	
11	0100	G68	Line Item Detail - Product	M	1		
12	0200	G69	Line Item Detail - Description	O	5		
13	0300	G70	Line Item Detail - Miscellaneous	O	2		
Not Used	0400	N9	Reference Identification	O	10		
Not Used	0500	G23	Terms of Sale	O	20		n3
LOOP ID - 0310						100	
Not Used	0600	G72	Allowance or Charge	O	1		
Not Used	0700	G73	Allowance or Charge Description	O	10		

Army and Air Force Exchange Service

LOOP ID - 0320			9999
Not Used	0800	N1	Name O 1
Not Used	0900	QTY	Quantity O 1
Not Used	1000	N9	Reference Identification O 10
LOOP ID - 0330			100
Not Used	1100	SLN	Subline Item Detail O 1
Not Used	1200	G72	Allowance or Charge O >1

Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
14	0100	G76	Total Purchase Order	M	1		
15	0200	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. 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.
2. One occurrence of the N1 loop must be used to identify the party to whom the merchandise is to be shipped.
3. 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.

Segment: **ST** Transaction Set Header
Position: 0100
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 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.

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 875 Grocery Products Purchase Order	M ID 3/3
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9

Segment: **G50** Purchase Order Identification
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To transmit identifying dates and numbers for this transaction set
Syntax Notes: 1 If either G5005 or G5006 is present, then the other is required.
Semantic Notes: 1 G5002 is the date assigned by the purchaser to the purchase order.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	G5001	473	Order Status Code Code identifying purpose of transaction set C Confirmation N Original	M ID 1/1
				<i>This value will be transmitted on all startup parallel test purchase orders.</i>
				<i>This value will be transmitted on all production purchase orders.</i>
M	G5002	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M DT 8/8
M	G5003	324	Purchase Order Number Identifying number for Purchase Order assigned by the orderer/purchaser	M AN 1/22

Segment: **G61** Contact
Position: 0400
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: 3
Purpose: To identify a person or office to whom communications should be directed
Syntax Notes: 1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:
Comments: 1 G6103 qualifies G6104.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6101	366	Contact Function Code Code identifying the major duty or responsibility of the person or group named BD Buyer Name or Department	M ID 2/2
M	G6102	93	Name Free-form name	M AN 1/60
R	G6103	365	Communication Number Qualifier Code identifying the type of communication number TE Telephone	X ID 2/2
R	G6104	364	Communication Number Complete communications number including country or area code when applicable	X AN 1/256

Segment: **G62** Date/Time
Position: 0500
Loop:
Level: Heading
Usage: Optional (Recommended)
Max Use: 10
Purpose: To specify pertinent dates and times
Syntax Notes:

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

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
R	G6201	432	Date Qualifier Code specifying type of date 02 Delivery Requested on This Date 10 Requested Ship Date/Pick-up Date	X ID 2/2
R	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X DT 8/8

Segment: **N1** Name
Position: 0900
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:
 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
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.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual ST Ship To VN Vendor	M ID 2/3
R	N102	93	Name Free-form name	X AN 1/60
R	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 92 Assigned by Buyer or Buyer's Agent	X ID 1/2
R	N104	67	Identification Code Code identifying a party or other code	X AN 2/80

Segment: N2 Additional Name Information
Position: 1000
Loop: 0100 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify additional names
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N201	93	Name Free-form name	M AN 1/60

Segment: **N3** Address Information
Position: 1100
Loop: 0100 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes:

This segment may repeat a max of two times to contain all address information.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u>		<u>Attributes</u>
		<u>Element</u>	<u>Name</u>	
M	N301	166	Address Information Address information	M AN 1/55
	N302	166	Address Information Address information	O AN 1/55

Segment: **N4 Geographic Location**
Position: 1200
Loop: 0100 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes:

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

Semantic Notes:

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.

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
N401	19	City Name Free-form text for city name	O AN 2/30
N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency	X ID 2/2
N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/15
N404	26	Country Code Code identifying the country	X ID 2/3

Segment: **G68** Line Item Detail - Product
Position: 0100
Loop: 0300 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify basic and most frequently used purchase order line item data
Syntax Notes:

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

Semantic Notes:
Comments:

- 1 G6802 qualifies G6801.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	G6801	330	Quantity Ordered Quantity ordered	M R0 1/15
M	G6802	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case	M ID 2/2
R	G6804	438	U.P.C. Case Code Code (Universal Product Code - U.P.C.) including two high order digits identifying the "system" (U.S. Grocery = 00, 06 or 07; U.S. Drug = 03); using the U.S. Grocery system, the next ten digits are: Manufacturer (5) Case Code (5)	X AN 12/12

Segment: **G69** Line Item Detail - Description
Position: 0200
Loop: 0300 Mandatory
Level: Detail
Usage: Optional (Recommended)
Max Use: 5
Purpose: To describe an item in free-form format
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G6901	369	Free-form Description Free-form descriptive text	M AN 1/45

Segment: **G70** Line Item Detail - Miscellaneous
Position: 0300
Loop: 0300 Mandatory
Level: Detail
Usage: Optional (Recommended)
Max Use: 2
Purpose: To provide for miscellaneous information relative to a line item
Syntax Notes: 1 If either G7002 or G7003 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
R	<u>Des.</u> G7001	<u>Element</u> 356 <u>Pack</u>	<u>O</u> N0 1/6
		The number of inner containers, or number of eaches if there are no inner containers, per outer container	

Segment: **G76 Total Purchase Order**

Position: 0100

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes: 1 If either G7603 or G7604 is present, then the other is required.

2 If either G7605 or G7606 is present, then the other is required.

3 If G7607 is present, then G7604 is required.

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

Comments: 1 G7602 qualifies G7601.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	G7601	330	Quantity Ordered Quantity ordered	M R0 1/15
M	G7602	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case	M ID 2/2
R	G7603	81	Weight Numeric value of weight	X R2 1/10
R	G7604	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken LB Pound	X ID 2/2

Segment: **SE** Transaction Set Trailer

Position: 0200

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9