Army and Air Force Exchange Service

879 Price Information

Functional Group ID=QG

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Price Information Transaction Set (879) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to enable a manufacturer, supplier, broker, or agent to provide a trading partner with pricing information.

Notes:

The Price Information Transaction Set (879) must accompany the Item Maintenance Transaction Set (888) when a new item is being set up.

When transmitting price changes, AAFES would prefer unit price. If case price is transmitted, the case price will be divided by the case pack to determine the item price.

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
3	010	ST	Transaction Set Header	M	1		
4	020	G91	Price Change Status	M	1		
			LOOP ID - 0100			999	
5	040	N1	Name	M	1		
Not Used	050	N2	Additional Name Information	O	1		
7	060	N3	Address Information	O	2		
8	070	N4	Geographic Location	O	1		
Not Used	090	N9	Reference Identification	O	10		
Not Used	100	G61	Contact	O	3		
Not Used	110	NTE	Note/Special Instruction	O	20		
Not Used	120	G36	Price List Reference	O	1		
Not Used	130	G26	Pricing Conditions	O	99		
Not Used	140	G43	Promotion/Price List Area	O	9999		
9	160	G62	Date/Time	M	10		
10	165	G93	Price Bracket Identification	O	50		
Not Used	170	G46	Promotion Allowance/Charge	O	100		

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0200			9999	
11	020	G28	Line Item Numbers	M	1		
13	025	G20	Item Packing Detail	O	1		
14	030	G69	Line Item Detail - Description	O	5		
Not Used	040	G26	Pricing Conditions	O	99		
15	045	G43	Promotion/Price List Area	O	9999		
16	055	G62	Date/Time	O	4		
Not Used	056	G46	Promotion Allowance/Charge	O	100		
17	058	G22	Pricing Information	O	1		
Not Used	060	SAC	Service, Promotion, Allowance, or Charge Information	O	10		
			LOOP ID - 0210			100	
18	065	G40	Bracket Price	O	1		

19	066	G46	Promotion Allowance/Charge	O	100
20	070	SE	Transaction Set Trailer	M	1

Segment: **ST** **Transaction Set Header**
Position: 010
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).
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**ST01**	**143**	**Transaction Set Identifier Code** Code uniquely identifying a Transaction Set 879 Price Information	**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 ***The control number is comprised of the functional group control number (Data Element 28 in the GS segment) followed by a four-digit sequence number. The sequence number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first sequence number will be 0001 and will incremented by one for each additional transaction set within the group.***	**M AN 4/9**

Segment: **G91** **Price Change Status**
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To enable the supplier/broker to change pricing information
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**G9101**	**259**	**Change Type Code** Code indicating change type	**M ID 1/1**
			B Original Price Change Transaction ***This code is used when changing price information. Only the G93 and G46 segments can be changed in the header area, and when changed, all products affected by the change must also be sent using iterations of the G28 (0200) loop. All applicable segments in the detail area can be changed. All information provided is assumed to replace current information in the receiver's database.***	
			H Delete Items From A Previous Change Transaction	
			K Replace Prices Shown In A Previous Change Transaction ***This code is used when providing a full item price file refresh.***	
			W New ***This code is used when sending initial price information.***	

Segment: **N1** **Name**
Position: 040
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.
Notes: ***Two N1 loops are required:***

If N101 = "BY" then N102 is required. BY is used to specify locations or areas for which the price change applies. Use multiple iterations of the N1 loop is necessary. If the price changes apply to zones, N103 and N104 are required. If N103 and N104 are not transmitted, we will assume the price change is applicable world wide.

If N101 = "VN" the N102, N103, and N104 are required.

Within the N101 loop, the "BY" and "VN" code values are required. A third code value may also be transmitted, "BO". At this time, the information is not being used by the application, but may be of use in the future. If N101 = "BO", N102 is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**N101**	**98**	**Entity Identifier Code** Code identifying an organizational entity, a physical location, property or an individual BO Broker or Sales Office BY Buying Party (Purchaser) ***Used to specify locations or areas for which the price change applies. Use multiple iterations of the N1 loop if necessary.*** VN Vendor ***Used to identify the party supplying the products being maintained***	**M ID 2/3**
R	**N102**	**93**	**Name** Free-form name	**X AN 1/60**
	N103	**66**	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) ***Required by AAFES when N101 = VN.*** 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix ***Required to identify the incoming transmission as data from a valid vendor. The DUNS must match a vendor entry in the VMF.*** 10 Department of Defense Activity Address Code (DODAAC) ***Used to identify military locations. DODAAC codes are assigned to all***	**X ID 1/2**

military locations by the Department of Defense and consist of a six-digit alpha numeric number.

N104	**67**	**Identification Code** Code identifying a party or other code ***Required by AAFES when N101 = VN.***	**X**	**AN 2/80**

Segment: **N3** **Address Information**
Position: 060
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: ***MAPPED BUT NOT USED.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
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: 070
Loop: 0100 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: **1** If N406 is present, then N405 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.
Notes: ***MAPPED BUT NOT USED.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
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	**O 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 ***When this data element is used in the N4 segment, it is used only if the country is other than the USA.***	**O ID 2/3**

Segment: **G62** **Date/Time**
Position: 160
Loop:
Level: Heading
Usage: Mandatory
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:
Notes: ***One iteration of the G62 segment must be used to indicate the date and time the transaction was generated. G6201 = 09.***

A second iteration of the G62 containing either code 87 or 88 must also be sent indicating the new effective date if effective dates are specified in the header area.

If price change effective dates are specified at the header area, they will apply to all products in the detail area. If the G62 segment is used in the detail area, it will override corresponding dates in the header area for the product.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
R	**G6201**	**432**	**Date Qualifier** Code specifying type of date 09 Process Date ***Generation date***	**X ID 2/2**
R	**G6202**	**373**	**Date** Date expressed as CCYYMMDD	**X DT 8/8**
	G6203	**176**	**Time Qualifier** Code specifying the reported time ***REQUIRED IF G6201=09.*** W Effective Time	**X ID 1/2**
	G6204	**337**	**Time** 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) ***REQUIRED IF G6201=09.***	**X TM 4/8**

Segment: **G93** **Price Bracket Identification**
Position: 165
Loop:
Level: Heading
Usage: Optional
Max Use: 50
Purpose: To identify price bracket values
Syntax Notes:
1 If either G9302 or G9303 is present, then the other is required.
Semantic Notes:
1 G9302 is the bracket value in terms of minimum quantity or weight as specified in G9303.
2 G9308 defines if freight is included in the price of products in the price bracket. A "Y" indicates freight is included in the price of products in the price bracket; an "N" indicates it is not included.
Comments:
Notes: ***MAPPED BUT NOT USED.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
G9301	**417**	**Price Bracket Identifier** Identifier assigned by the vendor for a specific price bracket	**O**	**AN 1/3**
G9302	**380**	**Quantity** Numeric value of quantity	**X**	**R3 1/15**
G9303	**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 ***The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.***	**X**	**ID 2/2**
G9304	**369**	**Free-form Description** Free-form descriptive text ***G9304 is the description of the price bracket, if required.***	**O**	**AN 1/45**

Segment: **G28** **Line Item Numbers**
Position: 020
Loop: 0200 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To provide basic product identification information
Syntax Notes:
1 At least one of G2801 G2802 or G2803 is required.
2 If either G2803 or G2804 is present, then the other is required.
3 If either G2805 or G2806 is present, then the other is required.
Semantic Notes:
Comments:
Notes: ***Effective with the UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the use of 12-digit product identifiers, G2801 (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 G2803. The corresponding 14-digit product code will be reflected in DE234. This parallels the global transition to the 14-digit UCC/EAN-14 product identification numbering structure. In preparation for this transition, the UK qualifier and the corresponding 14-digit product code should be communicated in G2803 and G2804, respectively.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G2801	**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) ***12 Digit UPC "Case" Code (2-5-5 Format) The U.P.C. Case Code is made up of the U.P.C. Shipping Container Code without the assortment indicator and the check digit. For WINS, the U.P.C. number may not define the product to be shipped with enough uniqueness to satisfy packing, or lot variation. In such cases, Data Elements 235 (Product/Service ID Qualifier) and 234 (Product/Service ID) should be used.***	**X AN 12/12**
G2802	**766**	**U.P.C./EAN Consumer Package Code** Code (Universal Product Code - U.P.C.) identifying the retail shelf unit; consists of 2 high order digits identifying the system (U.S. Grocery = 00, 06 or 07, U.S. Drug = 03); the next ten digits are manufacturer ID: 5, Item ID: 5 ***12 Digit UPC "Package" Code (2-5-5 Format)***	**X ID 2/2**
G2803	**235**	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit ***A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit Code is formatted as:***	**X ID 2/2**

*1 digit packaging indicator
*2 digit number system character (U.S.
Grocery and General Merchandise = 00, 06
or 07; U.S. Drug = 03); *5 digit manufacturer identification number
*5 digit item number
*1 digit check digit

G2804	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

G2805	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

EN European Article Number (EAN) (2-5-5-1)

*13-digit code used by countries, other than the United States and Canada, to identify each consumer unit
Code is formatted as:
*2 digit country flag
*5 digit company identification number (assigned
by European coding authorities)
*5 digit article identification number (assigned by
company)
*1 digit check digit

UP U.P.C. Consumer Package Code (1-5-5-1)

*A 12-digit Universal Product Code which uniquely identifies each consumer unit

Code is formatted as:
*1 digt number system character (U.S.
Grocery and General Merchandise = 0, 6
or 7; U.S. Drug = 3)
*5 digit manufacturer identification number
*5 digit item number
*1 digit check digit

G2806	**234**	**Product/Service ID**	**X**	**AN 1/48**

Identifying number for a product or service

Segment: **G20** **Item Packing Detail**
Position: 025
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify packing details of the items shipped
Syntax Notes:
1 If either G2002 or G2003 is present, then the other is required.
2 If either G2004 or G2005 is present, then the other is required.
3 If either G2006 or G2007 is present, then the other is required.
Semantic Notes:
Comments:
Notes: ***REQUIRED IF PRICING IS BY CASE.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G2001	**356**	**Pack** The number of inner containers, or number of eaches if there are no inner containers, per outer container	**O N0 1/6**
G2009	**810**	**Inner Pack** The number of eaches per inner container	**O N0 1/6**

Segment: **G69** **Line Item Detail - Description**
Position: 030
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To describe an item in free-form format
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

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

Segment: **G43** **Promotion/Price List Area**
Position: 045
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 9999
Purpose: To specify the geographic area in which a promotion or price is in effect
Syntax Notes:
Semantic Notes: **1** If G4301 is "001", "002", or "004", then G4302 is required. If G4301 is "003", then G4303 is required.
Comments:
Notes: ***This segment is used to provide additional clarification/documentation of the vendor's pricing areas if necessary. Price areas should be defined in the N1 segment.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M	**G4301**	**771**	**Market Area Code Qualifier** Code qualifying the identifier represented in "Market Area Code Identifier (767)" 001 Pricing Market ***Geographical area defined by the manufacturer to which the price change announcement applies*** 002 Store Number ***Number assigned to uniquely identify the store***	**M ID 1/3**
	G4302	**767**	**Market Area Code Identifier** A unique identification of a market area	**O AN 1/12**
	G4303	**352**	**Description** A free-form description to clarify the related data elements and their content	**O AN 1/80**

Segment: **G62** **Date/Time**
Position: 055
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 4
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:
Notes: ***Price change effective dates in the detail area will override corresponding dates specified in the header area.***

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	**432**	**Date Qualifier** Code specifying type of date ***G6201 is required by UCS.*** 07 Effective Date ***This code is only used for Direct Store Delivery (DSD) products and applies equally to First Order Date, First Ship Date, and First Arrival Date.***	**X ID 2/2**
G6202	**373**	**Date** Date expressed as CCYYMMDD	**X DT 8/8**

Segment: **G22** **Pricing Information**
Position: 058
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify prepricing information
Syntax Notes:
Semantic Notes: **1** If G2201 equals "A", then G2202 and G2203 are required.
If G2201 equals "Y", then G2202 is required.
2 G2205 is the effective date of the pre-price information.
Comments: **1** If G2201 equals "Z" or G2201 equals "N", then neither G2202 nor G2203 are required.
Notes: ***The G22 segment is only used if the pre-price change is in conjunction with a change in cost. Otherwise, this information is to be transmitted in the Item Maintenance Transaction Set (888).***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**G2201**	**288**	**Prepriced Option Code** Code specifying prepricing option selected N Not Pre-Priced	**M**	**ID 1/1**
	G2202	**420**	**Price New, Suggested Retail** The consumer package price or retail unit price associated with the product applicable on or after an effective price date	**O**	**N2 2/7**
	G2203	**289**	**Multiple Price Quantity** Quantity of units for a given price, e.g., 3 for $10.00	**O**	**N0 1/2**
	G2205	**373**	**Date** Date expressed as CCYYMMDD	**O**	**DT 8/8**

Segment: **G40** **Bracket Price**
Position: 065
Loop: 0210 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a vendor's pricing structure associated with a specific line item
Syntax Notes:
Semantic Notes: **1** G4009 is the shipping unit to billing unit conversion factor.
Comments: **1** G4007 is the invoicing unit of measure for the costs specified in G4002 and G4003.
Notes: ***If G4001 is used to specify the price bracket ID, the G93 segment in the header area must also be used to define the specified price bracket.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	G4001	**417**	**Price Bracket Identifier** Identifier assigned by the vendor for a specific price bracket	**O**	**AN 1/3**
M	**G4002**	**418**	**Item List Cost - New** Unit price within the appropriate price bracket for a line item on or after an effective price date ***G4002 and G4003 are in the same invoicing units.***	**M**	**R4 1/9**
	G4003	**419**	**Item List Cost - Old** Unit price within the appropriate price bracket for a line item before an effective date	**O**	**R4 1/9**
	G4007	**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 ***The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.*** CA Case EA Each PL Pallet/Unit Load	**O**	**ID 2/2**

Segment: **G46** **Promotion Allowance/Charge**
Position: 066
Loop: 0210 Optional
Level: Detail
Usage: Optional
Max Use: 100
Purpose: To specify unit amount and method of payment for a charge/allowance for a line item
Syntax Notes:
1 Only one of G4603 G4605 or G4606 may be present.
2 If either G4603 or G4604 is present, then the other is required.
3 If either G4606 or G4607 is present, then the other is required.
Semantic Notes:
1 G4605 indicates the total dollar amount for the allowance or charge.
2 G4607 is the allowance or charge percent.
3 G4612 is the shipping unit to billing unit conversion factor.
Comments:
1 If G4601 equals "1", then G4603, G4605, and G4607 must be omitted.
Notes: ***This segment should only be used to send service related allowances or charges.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	**G4601**	**340**	**Allowance or Charge Code** Code identifying the type of allowance or charge 97 Cents Off	**M**	**ID 1/3**
M	**G4602**	**331**	**Allowance or Charge Method of Handling Code** Code indicating method of handling for an allowance or charge 02 Off Invoice ***Allowance included on invoice***	**M**	**ID 2/2**
	G4603	**359**	**Allowance or Charge Rate** Allowance or Charge Rate per Unit	**X**	**R4 1/15**
	G4604	**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 ***The unit or basis for measurement code is used to qualify the contents of various data elements. It will vary depending on the data element it qualifies and the convention within industry groups.*** CA Case EA Each	**X**	**ID 2/2**
	G4610	**352**	**Description** A free-form description to clarify the related data elements and their content	**O**	**AN 1/80**

Segment: **SE** **Transaction Set Trailer**
Position: 070
Loop:
Level: Detail
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

	Ref. Des.	Data Element	Name	Attributes
M	**SE01**	**96**	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments ***When used in the SE segment, the count includes the total number of segments in the transaction including the 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 ***The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).***	**M AN 4/9**