

879 Price Information

Functional Group ID=QG

Introduction:

This X12 Transaction Set 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.

Heading:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Mandator	0100	ST	Transaction Set Header	M	1		
Mandator	0200	G91	Price Change Status	M	1		
LOOP ID - 0100						999	
Mandator	0400	N1	Party Identification	M	1		
Mandator	0500	N1	Party Identification	M	1		
Not Used	0600	N2	Additional Name Information	O	1		
Not Used	0700	N3	Party Location	O	2		
Not Used	0800	N4	Geographic Location	O	1		
Used	0900	N9	Extended Reference Information	O	10		
Not Used	1000	G61	Contact	O	>1		
Not Used	1100	NTE	Note/Special Instruction	O	20		
Not Used	1200	G36	Price List Reference	O	1		
Not Used	1300	G26	Pricing Conditions	O	99		
Not Used	1400	G43	Promotion/Price List Area	O	9999		
Mandator	1500	G62	Date/Time	M	10		
Mandator	1600	G62	Date/Time	M	10		
Not Used	1700	G46	Promotion Allowance/Charge	O	100		
LOOP ID - G93						50	
Not Used	1750	G93	Price Bracket Identification	O	1		
Not Used	1800	N1	Party Identification	O	1		
Not Used	1850	G46	Promotion Allowance/Charge	O	1		
Not Used	1900	G26	Pricing Conditions	O	>1		

Detail:

User Attribute	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - 0200						>1	
Mandator	0200	G28	Line Item Numbers	M	1		
Dep	0250	G20	Item Packing Detail	O	1		
Not Used	0300	G69	Line Item Detail - Description	O	5		
Not Used	0400	G26	Pricing Conditions	O	99		
Not Used	0450	G43	Promotion/Price List Area	O	9999		
Used	0550	G62	Date/Time	O	4		
Not Used	0560	G46	Promotion Allowance/Charge	O	100		
Not Used	0580	G22	Pre-Pricing Information	O	1		
Not Used	0600	SAC	Service, Promotion, Allowance, or Charge Information	O	10		
LOOP ID - 0210						100	
Used	0650	G40	Bracket Price	O	1		

Not Used	0660	G46	Promotion Allowance/Charge	O	100	
Mandator	0700	SE	Transaction Set Trailer	M	1	

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
Comments:

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
Mandator	ST01	143	Transaction Set Identifier Code	M 1 ID 3/3
			Code uniquely identifying a Transaction Set	
Mandator	ST02	329	Transaction Set Control Number	M 1 AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
Not Used	ST03	1705	Implementation Convention Reference	O 1 AN 1/35
			Reference assigned to identify Implementation Convention	

Segment: G91 Price Change Status
Position: 0200
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To enable the supplier/broker to change pricing information
Comments:

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u> Mandator	<u>Des.</u> G9101	<u>Element</u> 259	Change Type Code Code indicating change type	M 1 ID 1/1
			B <u>Original Price Change Transaction</u>	
Not Used	G9102	236	Price Identifier Code Code identifying pricing specification	O 1 ID 3/3

Segment: N1 Party Identification
Position: 0400
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N101	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual <u>VN</u> <u>Vendor</u>	M 1 ID 2/3
Not Used	N102	93	Name Free-form name	X 1 AN 1/60
Must Use	N103	66	Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) <u>33</u> <u>Commercial and Government Entity (CAGE)</u>	X 1 ID 1/2
Must Use	N104	67	Identification Code Code identifying a party or other code <u>Vendor Cage Code</u> <u>CHAR(5)</u>	X 1 AN 2/80
Not Used	N105	706	Entity Relationship Code Code describing entity relationship	O 1 ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual	O 1 ID 2/3

Segment: N1 Party Identification
Position: 0500
Loop: 0100 Mandatory
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Mandatory	N101	98	Entity Identifier Code	M 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<u>BY</u> <u>Buying Party (Purchaser)</u>	
Not Used	N102	93	Name	X 1 AN 1/60
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X 1 ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			<u>10</u> <u>Department of Defense Activity Address Code (DODAAC)</u>	
Must Use	N104	67	Identification Code	X 1 AN 2/80
			Code identifying a party or other code	
			<u>Price Zone DoDAAC</u> <u>CHAR (6)</u>	
Not Used	N105	706	Entity Relationship Code	O 1 ID 2/2
			Code describing entity relationship	
Not Used	N106	98	Entity Identifier Code	O 1 ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

Segment: N9 Extended Reference Information
Position: 0900
Loop:
Level: Heading
Usage: Optional
Max Use: 10
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier
Comments:

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
Mandatory	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification <u>CT</u> <u>Contract Number</u>	M 1 ID 2/3
Must Use	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <u>DeCA PIIN (Contract) Number</u> <u>CHAR (7)</u> MUST BE USED IF THIS OPTIONAL SEGMENT IS USED.	X 1 AN 1/50
Not Used	N903	369	Free-form Description Free-form descriptive text	X 1 AN 1/45
Not Used	N904	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	O 1 DT 8/8
Not Used	N905	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)	X 1 TM 4/8
Not Used	N906	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2
Not Used	N907	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O 1
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/50
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/50

Segment: G62 Date/Time
Position: 1500
Loop:
Level: Heading
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times
Comments:

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
Attribute Must Use	Des. G6201	Element 432	Date Qualifier Code specifying type of date <u>09</u> <u>Process Date</u>	X 1 ID 2/2
Must Use	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
Recm'd	G6203	176	Time Qualifier Code specifying the reported time	X 1 ID 1/2
<u>Recommended to ensure transactions are applied in the order desired. It is recommended that G6203 and G6204 are used.</u>				
Recm'd	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)	X 1 TM 4/8
Not Used	G6205	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2

Segment: G62 Date/Time
Position: 1600
Loop:
Level: Heading
Usage: Mandatory
Max Use: 10
Purpose: To specify pertinent dates and times
Comments:

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
Must Use	G6201	432	Date Qualifier Code specifying type of date <u>07</u> <u>Effective Date</u>	X 1 ID 2/2
Must Use	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
Not Used	G6203	176	Time Qualifier Code specifying the reported time	X 1 ID 1/2
Not Used	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)	X 1 TM 4/8
Not Used	G6205	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2

Segment: G28 Line Item Numbers
Position: 0200
Loop: 0200 Mandatory
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To provide basic product identification information
Comments:
Notes:

1 At least one of G2801/G2802 (CASE/UNIT UPC) or G2804 (CASE GTIN) or G2806 (UNIT/ITEM GTIN) 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.
4) If pricing by case or unit/item GTIN and your company has a corresponding unit/item UPC, please send case UPC in G2801; item UPC in G2802.

Data Element Summary

<u>User Attribute</u>	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Dep	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)	O 1 AN 12/12
Dep	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 MUST BE TRANSMITTED IF PRICING BY UNIT UPC OR UNIT (EA).	X 1 AN 12/12
Dep	G2803	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>UK</u> <u>GTIN 14-digit Data Structure</u>	O 1 ID 2/2
Used	G2804	234	Product/Service ID Identifying number for a product or service <u>CASE GTIN</u>	X 1 AN 14/14
Used	G2805	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) <u>UK</u> <u>GTIN 14-digit Data Structure</u>	O 1 ID 2/2
Used	G2806	234	Product/Service ID Identifying number for a product or service <u>UNIT/ITEM GTIN</u>	X 1 AN 14/14

Segment: G20 Item Packing Detail
Position: 0250
Loop: 0200 Mandatory
Level: Detail
Usage: Optional (Dependent)
Max Use: 1
Purpose: To specify packing details of the items shipped
Comments:
Notes: MUST BE TRANSMITTED IF PRICING BY CASE (CA)

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
Used	G2001	356	Pack The number of inner containers, or number of eaches if there are no inner containers, per outer container	O 1 N0 1/6
<u>MUST BE TRANSMITTED IF PRICING BY CASE (CA)</u> <u>NUMERIC (3)</u>				
Not Used	G2002	357	Size Size of supplier units in pack	X 1 R 1/8
Not Used	G2003	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	X 1 ID 2/2
Not Used	G2004	81	Weight Numeric value of weight	X 1 R 1/10
Not Used	G2005	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	X 1 ID 2/2
Not Used	G2006	183	Volume Value of volumetric measure	X 1 R 1/8
Not Used	G2007	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	X 1 ID 2/2
Not Used	G2008	397	Color Free-form description of color	O 1 AN 1/10
Not Used	G2009	810	Inner Pack The number of eaches per inner container	O 1 N0 1/6

Segment: G62 Date/Time
Position: 0550
Loop: 0200 Mandatory
Level: Detail
Usage: Optional
Max Use: 4
Purpose: To specify pertinent dates and times
Comments:
Notes:

DECA NOTE

To ensure that transactions are applied in the order in which they are sent, it is recommended that the G6203 and G6204 elements be used.

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
Used	G6201	432	Date Qualifier Code specifying type of date	X 1 ID 2/2
<u>Use this level if effective date for item is different from global effective date transmitted in the header segment.</u>				
			<u>07</u> <u>Effective Date</u>	
Used	G6202	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	X 1 DT 8/8
<u>Effective Date of Price Change - MUST BE 1ST OR 16TH OF MONTH.</u>				
Recm'd	G6203	176	Time Qualifier Code specifying the reported time	X 1 ID 1/2
<u>Recommend using G6203 and G6204 to ensure that transactions are applied in the order in which they are sent.</u>				
			<u>W</u> <u>Effective Time</u>	
Recm'd	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)	X 1 TM 4/8
Not Used	G6205	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O 1 ID 2/2

Segment: G40 Bracket Price
Position: 0650
Loop: 0210 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To provide a vendor's pricing structure associated with a specific line item
Comments: 1 G4007 is the invoicing unit of measure for the costs specified in G4002 and G4003.

Data Element Summary

<u>User</u>	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Attribute</u>	<u>Des.</u>	<u>Element</u>		
Not Used	G4001	417	Price Bracket Identifier Identifier assigned by the vendor for a specific price bracket	O 1 AN 1/3
Mandatory	G4002	418	Item List Cost - New Unit price within the appropriate price bracket for a line item on or after an effective price date	M 1 R 1/9
			<u>Numeric 9(4).99</u>	
Not Used	G4003	419	Item List Cost - Old Unit price within the appropriate price bracket for a line item before an effective date	O 1 R 1/9
Not Used	G4004	369	Free-form Description Free-form descriptive text	O 1 AN 1/45
Not Used	G4005	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 1 N2 2/7
Not Used	G4006	421	Price Old, Suggested Retail The consumer package price or retail unit price associated with the product applicable before an effective price date	O 1 N2 2/7
Used	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 <u>CA</u> Case <u>EA</u> Each	O 1 ID 2/2
Not Used	G4008	236	Price Identifier Code Code identifying pricing specification	O 1 ID 3/3
Not Used	G4009	1470	Number A generic number	O 1 N0 1/9

Segment: SE Transaction Set Trailer
Position: 0700
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)
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

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