Scan Based Trading (SBT) Program, 879 Pricing Information

ANSI X12-4010
Supplier Implementation Guide
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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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
M	010	ST	Transaction Set Header	M	1		
M	020	G91	Price Change Status	M	1		
			LOOP ID - 0100			999	
M	040	N1	Name	M	1		
			LOOP ID - 0100			999	
M	040	N1	Name	M	1		
	140	G43	Promotion/Price List Area	O	9999		
M	160	G62	Date/Time	M	10		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - 0200			9999	
M	020	G28	Line Item Numbers	M	1		
	045	G43	Promotion/Price List Area	O	9999		
	055	G62	Date/Time	O	4		
			LOOP ID - 0210			100	
	065	G40	Bracket Price	O	1		
M	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**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
M	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

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**	M ID 1/1
			Code indicating change type	
			W = New	

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	M	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			BY = Buying Party (Purchaser)		
	N102	93	**Name**	X	**AN 1/60**
			Free-form name		
			Buying Party / Retailer = "CVS CORP"		
	N103	66	**Identification Code Qualifier**	X	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1 = DUNS Number, Dun & Bradstreet		
	N104	67	**Identification Code**	X	**AN 2/80**
			Code identifying a party or other code		
			CVS DUNS Number= 001786664		

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	N101	98	**Entity Identifier Code**	M	ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual		
			VN = Vendor		
	N102	93	**Name**	X	AN 1/60
			Free-form name		
			Supplier Name/ Information		
	N103	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			ZZ = Mutually Defined		
	N104	67	**Identification Code**	X	AN 2/80
			Code identifying a party or other code		
			CVS Vendor Number (Example: 2A123)		

Segment: **G43** **Promotion/Price List Area**

Position:	140
Loop:	
Level:	Heading
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:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	G4301	771	**Market Area Code Qualifier**	M	ID 1/3
			Code qualifying the identifier represented in "Market Area Code Identifier (767)"		
			001 = Pricing Market (Area/Regular)		
	G4302	767	**Market Area Code Identifier**	O	AN 1/12
			A unique identification of a market area		
			CVS Cost Zone		

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:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	432	**Date Qualifier**	X ID 2/2
		Code specifying type of date	
		09 = Process Date	
G6202	373	**Date**	X DT 8/8
		Date expressed as CCYYMMDD	
		Process Date (YYYYMMDD)	

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:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
G2803	235	**Product/Service ID Qualifier**	X	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		VN = Vendor's (Seller's) Item Number		
G2804	234	**Product/Service ID**	X	AN 1/48
		Identifying number for a product or service		
		Vendor's (Seller's) Item Number		

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:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	G4301	771	**Market Area Code Qualifier**	M	ID 1/3
			Code qualifying the identifier represented in "Market Area Code Identifier (767)"		
			001 = Pricing Market (Area/Regular)		
			002 = Store		
	G4302	767	**Market Area Code Identifier**	O	AN 1/12
			A unique identification of a market area		
			CVS Market Zone ID (Confirm proper verbiage)		

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:

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
G6201	432	**Date Qualifier**	X ID 2/2
		Code specifying type of date	
		07 = Effective Date	
G6202	373	**Date**	X DT 8/8
		Date expressed as CCYYMMDD	
		Promotion Effective Date	

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.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M	G4002	418	**Item List Cost - New**	M	R 1/9
			Unit price within the appropriate price bracket for a line item on or after an effective price date		
			Unit Cost		
	G4005	420	**Price New, Suggested Retail**	O	N2 2/7
			The consumer package price or retail unit price associated with the product applicable on or after an effective price date		
			Retail Amount		

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**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
M	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

Example:

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ISA*00**00**01*SENDERID*ZZ*RECEIVERID*220909*0745*U*00401*000001038*0*P*^~
GS*QG* SENDERID* RECEIVERID*20220909*0745*1038*X*004010~
ST*879*0001~
G91*W~
N1*BY*CVS CORP*1*001786664~
N1*VN*Cool Vendor*ZZ*2A123~
G43*001*CVS CORP~
G62*09*20221022~
G28***VN*495396~
G43*001*000001~
G62*07*20221022~
G40**17.493***2499~
SE*11*0001~
GE*1*1038~
IEA*1*000001038~
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