Scan Based Trading (SBT) Program, 879 Pricing Information

ANSI X12-4010
Supplier Implementation Guide
Document Version 1.0

November 2022

**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. Seg. Req. Loop Notes and**

 **No. ID Name Des. Max.Use Repeat 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. Seg. Req. Loop Notes and**

 **No. ID Name Des. Max.Use Repeat 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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) |
|  | 01 = 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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. Data**

 **Des. 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:**

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\*93\*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~