879 Price Information Advice

#### **Functional Group QG**

This X12 Transaction Set contains the format and establishes the data contents of the Unit Cost 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** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |
| 0100 | ST | Transaction Set Header | M | 1 |  |  | Must use |
| 0200 | G91 | Price Change Status | M | 1 |  |  | Must use |
| **LOOP ID – 0100 1** | | | | | | | |
| 0400 | N1 | Party Identification | M | 1 |  |  | Must use |
| 1600 | G62 | Date/Time | M | 1 |  |  | Must use |

#### **Detail**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |
| **LOOP ID – 0200 >1** | | | | | | | |
| 0200 | G28 | Line Item Numbers | M | 1 |  |  | Must use |
| 0300 | G69 | Line Item Description | O | 1 |  |  | Used |
| 0550 | G62 | Date/Time | O | 1 |  |  | Used |
| **LOOP ID – 0210 1** | | | | | | | |
| 0650 | G40 | Bracket Price | M | 1 |  |  | Must use |

#### **Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |
| 0700 | CTT | Transaction Totals | M | 1 |  |  | Must use |
| 0750 | SE | Transaction Set Trailer | M | 1 |  |  | Must use |

### ST Transaction Set Header

To indicate the start of a transaction set and to assign a control number

* Pos: 0100
* Max: 1
* Heading - Mandatory
* Loop: N/A
* Elements: 3

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| ST01 | 143 | **Transaction Set Identifier Code** | M | ID | 3/3 | Must use |
|  |  | **Description**: Code Uniquely identifying a Transaction Set  **All valid standard codes are used** (Total codes: 318) | | | | |
| ST02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 | Must use |
|  |  | **Description**: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | |
| ST03 | 1705 | **Implementation convention Reference** | O | AN | 1/35 | Used |
|  |  | **Description**: Reference assigned to identify implementation convention | | | | |

#### **Semantics**

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. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

### G91 Price Change Status

To enable the supplier/broker to change pricing information

* Pos: 0200
* Max: 1
* Heading - Mandatory
* Loop: N/A
* Elements: 1

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| G9101 | 259 | **Change Type Code** | M | ID | 1/1 | Must use |
|  |  | **Description**: Code indicating change type | | | | |
|  |  | **Code List Summary** (Total Codes: 21, included: 1) | | | | |
|  |  | **Code Name**  B Original Price Change Transaction | | | | |

#### **Loop Party Identification**

To identify a party by type of organization, name and code

* Pos: 0400
* Max: 1
* Mandatory
* Loop: N/A
* Elements: 1

#### **Loop Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |
| 0400 | N1 | Party Identification | M | 1 |  |  | Must use |

### N1 Party Identification

To identify a party by type of organization, name, and code

* Pos: 0400
* Max: 1
* Heading - Mandatory
* Loop: 0100
* Elements: 4

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 | Must use |
|  |  | **Description**: Code Uniquely identifying an organizational entity, a physical location, property or an individual  **Code List Summary** (Total codes: 1500, included: 1)  **Code Name**  VN Vendor  **User Note 1: Mandatory** | | | | |
| N102 | 93 | **Name** | M | AN | 1/60 | Must use |
|  |  | **Description**: Free-form name  **User Note 1**: Mandatory when N101=VN | | | | |
| N103 | 66 | **Identification Code Qualifier** | M | ID | 1/2 | Must use |
|  |  | **Description**: Code designating the system/method of code structure used for identification code (67)  **Code List Summary** (Total codes: 241, included: 1)  **Code Name**  92 Assigned by Buyer or Buyer’s Agent | | | | |
| N104 | 67 | **Identification Code** | M | AN | 2/80 | Must use |
|  |  | **Description**: Code identifying a party or other code (Walmart Drop Ship Vendor – Distributor ID/Facility ID depending upon the updates and your account configuration). | | | | |

#### **Syntax Rules**

1. R0203 – At least one of N102 or N103 is required
2. P0304 – If either N103 or N104 is present, then the other is required

#### **Comments**

1. This segment, when 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 (N105 and N106 are not used here)

### G62 Date/Time

To specify pertinent dates and times

* Pos: 1600
* Max: 1
* Heading - Mandatory
* Loop: N/A
* Elements: 2

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| G6201 | 432 | **Date Qualifier** | X | ID | 2/2 | Used |
|  |  | **Description**: Code specifying type of date  **Code List Summary** (Total Codes: 139, included: 1)  **Code Name**  09 Process Date | | | | |
| G6202 | 373 | **Date** | X | DT | 8/8 | Used |
|  |  | **Description**: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | | |

#### **Syntax Rules**

1. R0103 – At least one of G6201 or G6203 is required
2. P0102 – If either G6201 or G6202 is present, then the other is required
3. P0304 – If either G6203 or G6204 is present, then the other is required (G6203 or G6204 is not used here)

#### **Loop Line Item Numbers**

To provide basic product identification information

* Pos: 0200
* Repeat: >1
* Mandatory
* Loop: 0200
* Elements: N/A

#### **Loop Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |
| 0200 | G28 | Line Item Numbers | M | 1 |  |  | Must use |
| 0300 | G69 | Line Item Description | O | 5 |  |  | Used |
| 0550 | G62 | Date/Time | O | 4 |  |  | Used |
| 0650 |  | Loop 0210 | M |  | 100 |  | Must use |

### G28 Line Item Numbers

To provide basic product identification information

* Pos: 0200
* Max: 1
* Detail - Mandatory
* Loop: 0200
* Elements: 3

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| G2802 | 766 | **U.P.C./EAN Consumer Package Code** | M | N | 13/13 | Must use |
|  |  | **Description**: **Walmart** UPC Code Uniquely identifying the retail shelf unit | | | | |
| G2803 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 | Must use |
|  |  | **Description**: Code identifying the type/source of the descriptive number used in Product/Service ID (234)  **Code List Summary** (Total Codes: 519, included: 1)  **Code Name**  VN Vendor’s (Seller’s) Item/SKU number | | | | |
| G2804 | 234 | **Product/Service ID** | M | AN | 1/48 | Must use |
|  |  | **Description**: Identifying number for a product or service (Vendor SKU) | | | | |

#### **Syntax Rules**

1. R010203 – At least one of G2801, G2802 or G2803 is required
2. P0304 – If either G2803 or G2804 is present, then the other is required
3. P0506 – If either G2805 or G2806 is present, then the other is required (G2805 or G2806 is not used here)

### G69 Line Item Description

To specify the item description for which you want to update the unit cost

* Pos: 0300
* Max: 1
* Detail - Optional
* Loop: 0200
* Elements: 1

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| G6901 | 369 | **Free Form Description** | M | AN | 1/45 | Must use |

### G62 Date/Time

To specify pertinent dates and times

* Pos: 0550
* Max: 1
* Detail - Optional
* Loop: 0200
* Elements: 2

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| G6201 | 432 | **Date Qualifier** | X | ID | 2/2 | Used |
|  |  | **Description**: Code specifying type of date  **Code List Summary** (Total Codes: 139, included: 1)  **Code Name**  87 First Order Date | | | | |
| G6202 | 373 | **Date** | X | DT | 8/8 | Used |
|  |  | **Description**: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year | | | | |

#### **Syntax Rules**

1. R0103 – At least one of G6201, or G6203 is required
2. P0102 – If either G6201 or G6202 is present, then the other is required
3. P0304 – If either G6203 or G6204 is present, then the other is required (G6203 or G6204 is not used here)

#### **Loop Bracket Price**

To provide a vendor’s pricing structure associated with a specific line item

* Pos: 0650
* Repeat: 1
* Detail - Mandatory
* Loop: 0210
* Elements: N/A

#### **Loop Summary**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Pos** | **Id** | **Segment Name** | **Req** | **Max Use** | **Repeat** | **Notes** | **Usage** |
| 0650 | G40 | Bracket Price | M | 1 |  |  | Must use |

### G40 Bracket Price

To provide a vendor’s pricing structure associated with a specific line item

* Pos: 0650
* Max: 1
* Detail - Mandatory
* Loop: 0210
* Elements: 3

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| G4001 | 417 | **Price Bracket Identifier** | O | AN | 1/3 | Used |
|  |  | **Description**: Identifier assigned by the vendor for a specific price bracket | | | | |
| G4002 | 418 | **Item List Cost – New** | M | R | 1/9 | Must use |
|  |  | **Description**: Unit Cost Price within the appropriate price bracket for a line item | | | | |
| G4007 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 | Must use |
|  |  | **Description**: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken  **Code List Summary** (Total Codes: 844, included: 1)  **Code Name**  EA Each | | | | |

#### **Semantics**

1. G4009 is the shipping unit to billing unit conversion factor (G4009 is not used here)

#### **Comments**

1. G4007 is the invoicing unit of measure for the costs specified in G4002 and G4003

### CTT Transaction Totals

To transmit a hash total for a specific element in the transaction set

* Pos: 0700
* Max: 1
* Summary - Mandatory
* Loop: N/A
* Elements: 1

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| CTT01 | 354 | **Number of Line Items** | M | N0 | 1/6 | Must use |

#### **Comments**

1. Number of G28 segments in the transaction set

### SE Transaction Set Trailer

To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

* Pos: 0750
* Max: 1
* Summary - Mandatory
* Loop: N/A
* Elements: 2

#### **Element Summary**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Ref** | **Id** | **Element Name** | **Req** | **Type** | **Min/Max** | **Usage** |
| SE01 | 96 | **Number of Included Segments** | M | N0 | 1/10 | Must use |
|  |  | **Description**: Total number of segments included in a transaction set including ST and SE segments | | | | |
| SE02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 | Must use |
|  |  | **Description**: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | |

#### **Comments**

1. SE is the last segment of each transaction set

**Version**

Indicate the version number in ISA and GS segment

Version number as 004010

Sample 879 Files

**With Optional G69 segment:**

ISA\*00\* \*00\* \*ZZ\*TEST999999W \*01\*12571829 \*200207\*1315\*U\*00401\*000001985\*0\*P\*>  
GS\*QG\*TEST999999W\*12571829\*20200207\*1315\*1985\*X\*004010  
ST\*879\*1985  
G91\*B  
N1\*VN\*WM Distributing\*92\*44103001  
G62\*09\*20200207  
G28\*\*0019254569598\*VN\*15MCP0011DXREF

G69\*Product Item descriptions  
G62\*87\*20200207  
G40\*\*429.00\*\*\*\*\*EA  
G28\*\*0081947202254\*VN\*MBPR16LDG01  
G62\*87\*20200207  
G40\*\*38.45\*\*\*\*\*EA  
G28\*\*0081947202255\*VN\*MBPR16LDG01CL  
G62\*87\*20200207  
G40\*\*51.78\*\*\*\*\*EA  
G28\*\*0081947202256\*VN\*MBPR16LDG01KL  
G62\*87\*20200207  
G40\*\*51.78\*\*\*\*\*EA  
G28\*\*0081788202888\*VN\*ULEDATUS  
G62\*87\*20200207  
G40\*\*128.67\*\*\*\*\*EA  
CTT\*5  
SE\*21\*1985  
GE\*1\*1985  
IEA\*1\*000001985