

**880 Grocery Products Invoice**

**Version 4010UCS (additional versions also available)**

**Coca-Cola Refreshments – Customer Business Solutions**

**880 Grocery Products Invoice**

**Functional Group ID=GP**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Grocery Products Invoice Transaction Set (880) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to provide for customary and established grocery industry practice relative to billing details for finished goods in a retail or wholesale consumer market. The transaction set can be used by the supplier or broker organization to request payment from a retailer or wholesaler organization. This transaction set is to be used for standalone detail billing and cannot be used for statement billing or credit/debit adjustments.

**Notes:**

|  |
| --- |
| The G23 segment must be used in the header area or detail area, but not both. When it is used in the detail area, there must be one occurrence of the G23 segment for each iteration of the G17 segment. |

**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 | G01 | Invoice Identification | M | 1 |  |  |  |  |  |  |  |  |
| Not Used | 030 | N9 | Reference Identification | O | 10 |  |  |  |  |  |  |  |  |
| Not Used | 040 | G61 | Contact | O | 3 |  |  |  |  |  |  |  |  |
| Not Used | 050 | G62 | Date/Time | O | 5 |  |  |  |  |  |  |  |  |
| Not Used | 060 | NTE | Note/Special Instruction | O | 20 |  |  |  |  |  |  |  |  |
| Not Used | 070 | G27 | Carrier Detail | O | 5 |  |  |  |  |  |  |  |  |
|  | 080 | G23 | Terms of Sale | O | 20 |  | n1 |  |  |  |  |  |  |
|  | 090 | G25 | F.O.B. Information | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0100 |  |  | 10 |  |  |  |  |  |  |  |
| M | 100 | N1 | Name | M | 1 |  | n2 |  |  |  |  |  |  |
| Not Used | 110 | N2 | Additional Name Information | O | 1 |  |  |  |  |  |  |  |  |
|  | 120 | N3 | Address Information | O | 2 |  |  |  |  |  |  |  |  |
|  | 130 | N4 | Geographic Location | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0200 |  |  | 100 |  |  |  |  |  |  |  |
|  | 140 | G72 | Allowance or Charge | O | 1 |  |  |  |  |  |  |  |  |
|  | 150 | G73 | Allowance or Charge Description | O | 10 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | LOOP ID - 0300 |  |  | 9999 |  |  |  |  |  |  |  |
|  | 010 | G17 | Item Detail - Invoice | O | 1 |  | n3 |  |  |  |  |  |  |
|  | 020 | G69 | Line Item Detail - Description | O | 5 |  |  |  |  |  |  |  |  |
| Not Used | 030 | G19 | Line Item Detail - Quantity/Unit of Measure/Price Differences | O | 10 |  |  |  |  |  |  |  |  |
| Not Used | 040 | G20 | Item Packing Detail | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 045 | N9 | Reference Identification | O | 5 |  |  |  |  |  |  |  |  |
| Not Used | 050 | G23 | Terms of Sale | O | 20 |  | n4 |  |  |  |  |  |  |
| Not Used | 060 | G25 | F.O.B. Information | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0310 |  |  | 100 |  |  |  |  |  |  |  |
| Not Used | 070 | G72 | Allowance or Charge | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 080 | G73 | Allowance or Charge Description | O | 10 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0400 |  |  | 500 |  |  |  |  |  |  |  |
| Not Used | 090 | ENT | Entity | O | 1 |  | n5 |  |  |  |  |  |  |
| Not Used | 092 | N2 | Additional Name Information | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 094 | N3 | Address Information | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 096 | N4 | Geographic Location | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 100 | N9 | Reference Identification | O | 5 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0410 |  |  | >1 |  |  |  |  |  |  |  |
| Not Used | 110 | REF | Reference Identification | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 120 | QTY | Quantity | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 130 | AMT | Monetary Amount | O | 2 |  |  |  |  |  |  |  |  |
| Not Used | 140 | G72 | Allowance or Charge | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0411 |  |  | >1 |  |  |  |  |  |  |  |
| Not Used | 150 | G17 | Item Detail - Invoice | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 160 | G19 | Line Item Detail - Quantity/Unit of Measure/Price Differences | O | 10 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Summary:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| M | 010 | G31 | Total Invoice Quantity | M | 1 |  |  |  |  |  |  |  |  |
| M | 020 | G33 | Total Dollars Summary | M | 1 |  |  |  |  |  |  |  |  |
| M | 030 | SE | Transaction Set Trailer | M | 1 |  |  |  |  |  |  |  |  |

**Transaction Set Notes**

**1.** The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.

**2.** One occurrence of the N1 loop must be used to identify the party to whom the merchandise was shipped.

**3.** Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.

**4.** The G23 segment can be used at the header level or detail level, but not both. When it is used at the detail level, there must be at least one occurrence of the G23 segment for each iteration of the G17 segment.

**5.** Either the 0300 loop or the 0400 loop must be used, but both loops cannot be used within a single transaction set.

**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 | | | | | | |
|  | | | | 880 |  | Grocery Products Invoice | | | |
| **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 | | | | | | |
|  | | | 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. | | | | | | |

**Segment: G01 Invoice Identification**

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To transmit identifying dates and numbers for this transaction set

**Syntax Notes:** **1** If either G0106 or G0107 is present, then the other is required.

**Semantic Notes:** **1** G0101 is the invoice issue date.

**2** G0103 is the date assigned by the purchaser to the purchase order.

**Comments:**

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G0101** | **373** | **Date** | | | | **M** |  | **DT 8/8** | |
|  | | | Date expressed as CCYYMMDD | | | | | | |
| **M** | **G0102** | **76** | **Invoice Number** | | | | **M** |  | **AN 1/22** | |
|  | | | Identifying number assigned by issuer | | | | | | |
| **X** | **G0103** | **373** | **Date** | | | | **O** |  | **DT 8/8** | |
|  | **G0104** | **324** | **Purchase Order Number** | | | | **O** |  | **AN 1/22** | |
|  | | | Identifying number for Purchase Order assigned by the orderer/purchaser | | | | | | |
|  | | | For WINS, if the purchase order number is provided, it should be returned on the confirmation. | | | | | | |
| **X** | **G0105** | **424** | **Vendor Order Number** | | | | **O** |  | **AN 1/22** | |
| **X** | **G0106** | **474** | **Master Reference (Link) Number** | | | | **X** |  | **AN 1/22** | |
| **X** | **G0107** | **472** | **Link Sequence Number** | | | | **X** |  | **N0 6/6** | |
| **X** | **G0108** | **640** | **Transaction Type Code** | | | | **O** |  | **ID 2/2** | |
|  | | | | 10 |  | Distribution | | | |
|  | | | | 26 |  | Miscellaneous Services Invoice | | | |
|  | | | | 27 |  | Warehouse Services Invoice | | | |
|  | | | | D4 |  | Receipt | | | |
|  | | | | | | A receipt of material | | | |
|  | | | | TH |  | Receipt Acknowledgment Advice | | | |

**Segment: G23 Terms of Sale**

**Position:** 080

**Loop:**

**Level:** Heading

**Usage:** Optional

**Max Use:** 20

**Purpose:** To specify the terms of sale

**Syntax Notes:** **1** At least one of G2308 or G2309 is required.

**Semantic Notes:**

**Comments:** **1** The G23 segment may be used for the detail or the total transaction set level. Refer to the transaction set assumptions for details on proper usage.

**2** If G2301 equals "04" (deferred or installment) then either G2313 or G2314 is required and the data in the segment pertains only to the portion of the invoice described in G2313 or G2314. If G2301 equals "11" (elective) then G2304 is required. If G2301 is not equal to "05"' (discount not applicable) then (G2305 or G2310) and (G2306 or G2307) is required. If G2301 equals "ZZ" (other) then G2315 is required. Multiple use of this segment when G2301 equals "04" (deferred or installment) always implies an "AND" relationship. When G2301 equals "06" (mixed) or "11" (elective) an "OR" relationship is always implied.

**3** G2310 is a memo figure requiring specific payment performance and therefore should not be negative.

**4** When elective terms are offered in a deferred or installment situation, G2316 (Installment Group Indicator - DE 713) must be used to properly group the terms within each installment.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G2301** | **336** | **Terms Type Code** | | | | **M** |  | **ID 2/2** | | |
|  | | | Code identifying type of payment terms | | | | | | | |
|  | | | | 01 |  | Basic | | | | |
|  | | | | | | Normal or standard terms apply | | | |
| **M** | **G2302** | **333** | **Terms Basis Date Code** | | | | **M** |  | **ID 1/2** | | |
|  | | | Code identifying the beginning of the terms period | | | | | | | |
|  | | | | 3 |  | Invoice Date | | | | |
| **X** | **G2303** | **282** | **Terms Start Date** | | | | **O** |  | **DT 8/8** | | |
| **X** | **G2304** | **283** | **Terms Due Date Qualifier** | | | | **O** |  | **ID 2/2** | | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | | | | | |
|  | **G2305** | **338** | **Terms Discount Percent** | | | | **O** |  | **R3 1/6** | | |
|  | | | Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date | | | | | | | |
| **X** | **G2306** | **370** | **Terms Discount Due Date** | | | | **O** |  | **DT 8/8** | | |
| **X** | **G2307** | **351** | **Terms Discount Days Due** | | | | **O** |  | **N0 1/3** | | |
|  | **G2308** | **446** | **Terms Net Due Date** | | | | **X** |  | **DT 8/8** | | |
|  | | | Date when total invoice amount becomes due expressed in format CCYYMMDD | | | | | | | |
| **X** | **G2309** | **386** | **Terms Net Days** | | | | **X** |  | **N0 1/3** | | |
|  | **G2310** | **362** | **Terms Discount Amount** | | | | **O** |  | **N2 1/10** | | |
|  | | | Total amount of terms discount | | | | | | | |
| **X** | **G2311** | **391** | **Discounted Amount Due** | | | | **O** |  | **N2 1/10** | | |
| **X** | **G2312** | **390** | **Amount Subject to Terms Discount** | | | | **O** |  | **N2 1/10** | | |
| **X** | **G2313** | **343** | **Installment Total Invoice Amount Due** | | | | **O** |  | **N2 1/10** | | |
| **X** | **G2314** | **342** | **Percent of Invoice Payable** | | | | **O** |  | **R3 1/5** | | |
| **X** | **G2315** | **3** | **Free Form Message** | | | | **O** |  | **AN 1/60** | | |
| **X** | **G2316** | **713** | **Installment Group Indicator** | | | | **O** |  | **N0 2/2** | | |

**Segment: G25 F.O.B. Information**

Position: 090

Loop:

Level: Heading

Usage: Optional

Max Use: 1

Purpose: To transmit information pertaining to method of freight payment and transfer of title

Syntax Notes:

Semantic Notes:

Comments:

Data Element Summary

Ref. Data

Des. Element Name Attributes

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| >> | G2501 | 146 | Shipment Method of Payment | | | | M | ID 2/2 | | |
|  | | | Code identifying payment terms for transportation charges | | | | | | |
|  | | | | NC |  | Service Freight, No Charge | | |
| >> | G2502 | 433 | F.O.B. Point Code | | | | M | ID 2/2 | | |
|  | | | Code identifying type of F.O.B. point | | | | | | |
|  | | | | 02 |  | Destination | | |

**Segment: N1 Name**

**Position:** 100

**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 | | | | | | | |
|  | | | | BT |  | Bill To | | | | |
|  | | | | RE |  | Remit To | | | | |
|  | | | | ST |  | Ship To | | | | |
|  | **N102** | **93** | **Name** | | | | **X** |  | **AN 1/60** | | |
|  | | | Free-form name | | | | | | | |  | | | **Identification Code Qualifier** | | |
|  | **N103** | **66** | **Identification Code Qualifier** | | | | **X** |  | **ID 1/2** | | |
|  | | | Code designating the system/method of code structure used for Identification Code (67) | | | | | | | |  | | D-U-N-S Number, Dun & Bradstreet | |
|  | | | | 1 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
|  | | | | 9 |  | D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | |
|  | | | | | | The identification code consists of a 9-digit DUNS number for the party followed by a 4-character suffix defined by the party. | | | |  | | | **Identification Code** | | |
|  | **N104** | **67** | **Identification Code** | | | | **X** |  | **AN 2/80** | | |
|  | | | Code identifying a party or other code | | | | | | | |
|  | | | Parties may define multiple identification codes for a location in order to support warehouse or depositor processing. For example, multiple identification codes might be used to differentiate product lines or stocks for a depositor. Also see Data Elements 66 (Identification Code Qualifier) and 98 (Entity Identifier Code). | | | | | | | |  | | | **Entity Relationship Code** | | |
| **X** | **N105** | **706** | **Entity Relationship Code** | | | | **O** |  | **ID 2/2** | | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | | | | | |  | | | **Entity Identifier Code** | | |
| **X** | **N106** | **98** | **Entity Identifier Code** | | | | **O** |  | **ID 2/3** | | |
|  | | |  | | | | | | | |

**Segment: N3 Address Information**

**Position:** 120

**Loop:** 0100 Mandatory

**Level:** Heading

**Usage:** Optional

**Max Use:** 2

**Purpose:** To specify the location of the named party

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **N301** | **166** | **Address Information** | **M** |  | **AN 1/55** | |
|  | | | Address information | | | |
| **X** | **N302** | **166** | **Address Information** | **O** |  | **AN 1/55** | |

**Segment: N4 Geographic Location**

**Position:** 130

**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.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **N401** | **19** | **City Name** | **O** |  | **AN 2/30** | |
|  | | | Free-form text for city name | | | |
|  | **N402** | **156** | **State or Province Code** | **O** |  | **ID 2/2** | |
|  | | | Code (Standard State/Province) as defined by appropriate government agency | | | |
|  | **N403** | **116** | **Postal Code** | **O** |  | **ID 3/15** | |
|  | | | Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | | | |
| **X** | **N404** | **26** | **Country Code** | **O** |  | **ID 2/3** | |
| **X** | **N405** | **309** | **Location Qualifier** | **X** |  | **ID 1/2** | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | |
| **X** | **N406** | **310** | **Location Identifier** | **O** |  | **AN 1/30** | |

**Segment: G72 Allowance or Charge**

**Position:** 140

**Loop:** 0200 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify allowances, charges, or services

**Syntax Notes:** **1** At least one of G7203 G7205 G7208 or G7209 is required.

**2** Only one of G7205 G7208 or G7209 may be present.

**3** If either G7206 or G7207 is present, then the other is required.

**4** If either G7209 or G7210 is present, then the other is required.

**5** If G7211 is present, then G7203 is required.

**Semantic Notes:** **1** G7209 is the allowance or charge percent.

**Comments:** **1** The G73 segment is required when G7201 contains code "499" or "999"; however, the use of these codes is discouraged.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Charge code "512" only applies to charges associated with the process of palletizing product for shipment and NOT for the pallets themselves. |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G7201** | **340** | **Allowance or Charge Code** | | | | **M** |  | **ID 1/3** | | |
|  | | | Code identifying the type of allowance or charge | | | | | | | |
|  | | | | 525 |  | Deposit Charge - Resale Item | | | | |
| **M** | **G7202** | **331** | **Allowance or Charge Method of Handling Code** | | | | **M** |  | **ID 2/2** | | |
|  | | | Code indicating method of handling for an allowance or charge | | | | | | | |
|  | | | | 06 |  | Charge to be Paid by Customer | | | | |
|  | | | | | | Charge included on invoice | | | |
|  | **G7203** | **341** | **Allowance or Charge Number** | | | | **X** |  | **AN 1/16** | | |
|  | | | The number assigned by a vendor referencing an allowance, promotion, deal or charge | | | | | | | |
| **X** | **G7204** | **769** | **Exception Number** | | | | **O** |  | **AN 1/16** | | |
| **X** | **G7205** | **359** | **Allowance or Charge Rate** | | | | **X** |  | **R4 1/15** | | |
| **X** | **G7206** | **339** | **Allowance or Charge Quantity** | | | | **X** |  | **R3 1/10** | | |
| **X** | **G7207** | **355** | **Unit or Basis for Measurement Code** | | | | **X** |  | **ID 2/2** | | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | | | | | |
|  | **G7208** | **360** | **Allowance or Charge Total Amount** | | | | **X** |  | **N2 1/15** | | |
|  | | | Total dollar amount for the allowance or charge | | | | | | | |
| **X** | **G7209** | **332** | **Percent** | | | | **X** |  | **R3 1/6** | | |
| **X** | **G7210** | **828** | **Dollar Basis For Percent** | | | | **X** |  | **R2 1/9** | | |
| **X** | **G7211** | **770** | **Option Number** | | | | **O** |  | **AN 1/20** | | |

**Segment: G73 Allowance or Charge Description**

**Position:** 150

**Loop:** 0200 Optional

**Level:** Heading

**Usage:** Optional

**Max Use:** 10

**Purpose:** To describe the allowance or charge in free-form format

**Syntax Notes:**

**Semantic Notes:**

**Comments:** **1** Use of the G73 segment requires concurrent use of a corresponding allowance/charge segment.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | This segment is required when G7201 contains code 499 or 999. |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G7301** | **369** | **Free-form Description** | **M** |  | **AN 1/45** | |
|  | | | Free-form descriptive text | | | |

**Segment: G17 Item Detail - Invoice**

**Position:** 010

**Loop:** 0300 Optional

**Level:** Detail

**Usage:** Optional

**Max Use:** 1

**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

**Syntax Notes:** **1** At least one of G1703 or G1714 is required.

**2** At least one of G1704 or G1705 is required.

**3** If either G1705 or G1706 is present, then the other is required.

**4** If either G1707 or G1708 is present, then the other is required.

**5** If either G1710 or G1711 is present, then the other is required.

**Semantic Notes:** **1** G1714 contains the cumulative monetary amount of unsaleable merchandise.

**Comments:** **1** G1702 qualifies G1701.

|  |  |  |
| --- | --- | --- |
| **Notes:** |  | Effective with the UCS version coinciding with the UCC-published sunset date (2005) for the discontinuation of the 12-digit product identifiers, G1704 (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 G1705. 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 G1705 and G1706, respectively. |

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G1701** | **358** | **Quantity Invoiced** | | | | **M** |  | **R3 1/10** | | |
|  | | | Number of units invoiced (supplier units) | | | | | | | |
| **M** | **G1702** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | | |
|  | | | 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 | | | | |
|  | **G1703** | **237** | **Item List Cost** | | | | **X** |  | **R4 1/9** | | |
|  | | | Gross unit cost within the appropriate price bracket for a line item | | | | | | | |
|  | **G1704** | **438** | **U.P.C. Case Code** | | | | **X** |  | **AN 12/12** | | |
|  | | | 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) | | | | | | | |
|  | | | G1704 is used only when G1702 contains code CA | | | | | | | |
| **X** | **G1705** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | | P8 |  | Retail Price Look Up Number (PLU) | | | | |
|  | | | | PI |  | Purchaser's Item Code | | | | |
|  | | | | | | Used only when the product does not have a U.P.C. number | | | |
|  | | | | SV |  | Service Rendered | | | | |
|  | | | | UD |  | U.P.C./EAN Consumer Package Code (2-5-5) | | | | |
|  | | | | UE |  | U.P.C./EAN Module Code (2-5-5) | | | | |
|  | | | | | | Number assigned to uniquely identify a module (pallet) that contains multiple manufacturers shipping units  Code formatted as:  \*2 digit number system character (U.S.  Grocery and General Merchandise = 00, 06  or 07; U.S. Drug = 03) (EAN = 2 digit county flag)  \*5 digit manufacturer identifcation number  \*5 digit case code | | | |
|  | | | | UI |  | U.P.C. Consumer Package Code (1-5-5) | | | | |
|  | | | | | | The 11-digit Universal Product Code which uniquely identifies each customer unit  Code is formatted as:  \*1 digit 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  Multipacks should use code UB. | | | |
|  | | | | 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:  \*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 | | | |
|  | | | | 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 | | | |
|  | | | | VN |  | Vendor's (Seller's) Item Number | | | | |
|  | | | | | | Used only when the product does not have a U.P.C. number | | | |
|  | | | | W5 |  | Reclamation Process | | | | |
|  | | | | | | Material must be reclaimed from a higher level system prior to release to Defense Reutilization and Marketing | | | | |
| **X** | **G1706** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
| **X** | **G1707** | **235** | **Product/Service ID Qualifier** | | | | **X** |  | **ID 2/2** | | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | | | | | |
| **X** | **G1708** | **234** | **Product/Service ID** | | | | **X** |  | **AN 1/48** | | |
| **X** | **G1709** | **417** | **Price Bracket Identifier** | | | | **O** |  | **AN 1/3** | | |
| **X** | **G1710** | **382** | **Number of Units Shipped** | | | | **X** |  | **R0 1/10** | | |
| **X** | **G1711** | **355** | **Unit or Basis for Measurement Code** | | | | **X** |  | **ID 2/2** | | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | | | | | |
| **X** | **G1712** | **439** | **Price List Number** | | | | **O** |  | **AN 1/16** | | |
| **X** | **G1713** | **440** | **Price List Issue Number** | | | | **O** |  | **AN 1/16** | | |
| **X** | **G1714** | **782** | **Monetary Amount** | | | | **X** |  | **R2 1/18** | | |

**Segment: G69 Line Item Detail - Description**

**Position:** 020

**Loop:** 0300 Optional

**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. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G6901** | **369** | **Free-form Description** | **M** |  | **AN 1/45** | |
|  | | | Free-form descriptive text | | | |

**Segment: G31 Total Invoice Quantity**

**Position:** 010

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify summary details of total items shipped in terms of quantity, weight, and volume, and to specify payment method

**Syntax Notes:** **1** If either G3103 or G3104 is present, then the other is required.

**2** If either G3105 or G3106 is present, then the other is required.

**3** If G3107 is present, then G3104 is required.

**Semantic Notes:** **1** G3110 should only be used to express the quantity of third party pallets

**2** G3111 is the gross weight of third party pallets in pounds.

**Comments:** **1** G3102 qualifies G3101.

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G3101** | **382** | **Number of Units Shipped** | | | | **M** |  | **R0 1/10** | |
|  | | | Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set | | | | | | |
|  | | | G3101 contains the hash total of all G1701 values. | | | | | | |
| **M** | **G3102** | **355** | **Unit or Basis for Measurement Code** | | | | **M** |  | **ID 2/2** | |
|  | | | 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. | | | | | | |
|  | | | | SX |  | Shipment | | | |
| **X** | **G3103** | **81** | **Weight** | | | | **X** |  | **R2 1/10** | |
| **X** | **G3104** | **355** | **Unit or Basis for Measurement Code** | | | | **X** |  | **ID 2/2** | |
|  | | | | LB |  | Pound | | | |
|  | | | | OZ |  | Ounce - Av | | | |
| **X** | **G3105** | **183** | **Volume** | | | | **X** |  | **R3 1/8** | |
| **X** | **G3106** | **355** | **Unit or Basis for Measurement Code** | | | | **X** |  | **ID 2/2** | |
|  | | | | CF |  | Cubic Feet | | | |
| **X** | **G3107** | **398** | **Order Sizing Factor** | | | | **O** |  | **R3 1/10** | |
| **X** | **G3108** | **417** | **Price Bracket Identifier** | | | | **O** |  | **AN 1/3** | |
| **X** | **G3109** | **107** | **Payment Method Code** | | | | **O** |  | **ID 1/2** | |
|  | | | Refer to 004010UCS Data Element Dictionary for acceptable code values. | | | | | | |
| **X** | **G3110** | **380** | **Quantity** | | | | **O** |  | **R3 1/15** | |
| **X** | **G3111** | **81** | **Weight** | | | | **O** |  | **R2 1/10** | |

**Segment: G33 Total Dollars Summary**

**Position:** 020

**Loop:**

**Level:** Summary

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the total invoice amount, including charges less allowances, before terms discount

**Syntax Notes:**

**Semantic Notes:**

**Comments:**

**Data Element Summary**

**Ref. Data**

**Des. Element Name Attributes**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **M** | **G3301** | **610** | **Amount** | **M** |  | **N2 1/15** | |
|  | | | Monetary amount | | | |

**Segment: SE Transaction Set Trailer**

**Position:** 030

**Loop:**

**Level:** Summary

**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 | | | |
|  | | | When used in the SE segment, the count includes the total number of segments in the transaction including the 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 | | | |
|  | | | The transaction set control number (SE02) is the same as that used in the corresponding header (ST02). | | | |