**894 Delivery/Return Base Record**

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

Coca-Cola Refreshments – Customer Business Solutions

**894 Delivery/Return Base Record**

**Functional Group ID=DX**

**Introduction:**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Delivery/Return Base Record Transaction Set (894) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to enable a Direct Store Delivery (DSD) vendor to communicate the details of a DSD delivery and is to be used during the check-in procedure.

**Notes:**

|  |
| --- |
| Refer to the UCS for Direct Store Delivery Implementation and User Guide for specific implementation guidelines for this transaction set. |

**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 | G82 | Delivery/Return Base Record Identifier | M | 1 |  |  |  |  |  |  |  |  |
|  | 025 | N9 | Reference Identification | O | >1 |  |  |  |  |  |  |  |  |

**Detail:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 010 | LS | Loop Header | O | 1 |  |  |  |  |  |  |  |  |
|  |  |  | LOOP ID - 0100 |  |  | 9999 |  |  |  |  |  |  |  |
|  | 020 | G83 | Line Item Detail/Direct Store Delivery | O | 1 |  |  |  |  |  |  |  |  |
| Not Used | 030 | G22 | Pricing Information | O | 1 |  |  |  |  |  |  |  |  |
|  | 040 | G72 | Allowance or Charge | O | 10 |  |  |  |  |  |  |  |  |
| Not Used | 050 | G23 | Terms of Sale | O | 20 |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 060 | LE | Loop Trailer | O | 1 |  |  |  |  |  |  |  |  |

**Summary:**

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

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Not Used | 010 | G72 | Allowance or Charge | O | 20 |  |  |  |  |  |  |  |  |
| Not Used | 020 | G23 | Terms of Sale | O | 20 |  |  |  |  |  |  |  |  |
| M | 030 | G84 | Delivery/Return Record of Totals | M | 1 |  |  |  |  |  |  |  |  |
| M | 040 | G86 | Signature | M | 1 |  |  |  |  |  |  |  |  |
| M | 050 | G85 | Record Integrity Check | M | 1 |  |  |  |  |  |  |  |  |
| M | 060 | 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 |
|   | 894 |  | Delivery/Return Base Record |
| **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: G82 Delivery/Return Base Record Identifier**

 **Position:** 020

 **Loop:**

 **Level:** Heading

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To transmit identifying numbers, dates, and other basic data relating to the transaction set

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:** **1** When G8201 equals "D" (debit), information in this segment is for a delivery. When G8201 equals "C" (credit), information in this segment is for a return.

 **2** G8203 is the receiver's DUNS number.

 **3** G8205 is the supplier's DUNS number.

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **G8201** | **478** | **Credit/Debit Flag Code** | **M** |  | **ID 1/1** |
|  | Code indicating whether amount is a credit or debit |
|   | D |  | Debit |
| **M** | **G8202** | **861** | **Supplier's Delivery/Return Number** | **M** |  | **AN 1/22** |
|  | Identifying number assigned by the supplier to the transaction |
| **M** | **G8203** | **860** | **D-U-N-S Number** | **M** |  | **ID 9/9** |
|  | Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System) |
| **M** | **G8204** | **862** | **Receiver's Location Number** | **M** |  | **AN 1/6** |
|  | Number assigned by the customer that when combined with receiver Duns number uniquely identifies the receiving location |
| **M** | **G8205** | **860** | **D-U-N-S Number** | **M** |  | **ID 9/9** |
|  | Identifying number assigned by Dun & Bradstreet (Data Universal Numbering System) |
| **M** | **G8206** | **871** | **Supplier's Location Number** | **M** |  | **AN 1/6** |
|  | Number assigned by supplier that provides uniqueness when combined with sender Duns number |
| **M** | **G8207** | **872** | **Physical Delivery or Return Date** | **M** |  | **DT 8/8** |
|  | Actual or intended date of physical delivery or return expressed in format CCYYMMDD |
| **X** | **G8208** | **873** | **Product Ownership Transfer Date** | **O** |  | **DT 8/8** |
| **X** | **G8209** | **324** | **Purchase Order Number** | **O** |  | **AN 1/22** |
| **X** | **G8210** | **323** | **Purchase Order Date** | **O** |  | **DT 8/8** |
| **X** | **G8211** | **146** | **Shipment Method of Payment** | **O** |  | **ID 2/2** |
|  | Refer to 004010UCS Data Element Dictionary for acceptable code values. |
| **X** | **G8212** | **625** | **COD Method of Payment Code** | **O** |  | **ID 1/1** |
|  | Refer to 004010UCS Data Element Dictionary for acceptable code values. |

**Segment: N9 Reference Identification**

 **Position:** 025

 **Loop:**

 **Level:** Heading

 **Usage:** Optional

 **Max Use:** >1

 **Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

 **Syntax Notes:** **1** At least one of N902 or N903 is required.

 **2** If N906 is present, then N905 is required.

 **Semantic Notes:** **1** N906 reflects the time zone which the time reflects.

 **Comments:**

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **N901** | **128** | **Reference Identification Qualifier** | **M** |  | **ID 2/3** |
|  | Code qualifying the Reference Identification |
|  | For WINS, Data Elements 145 (Shipment Identification Number), 285 (Depositor Order Number), 324 (Purchase Order Number), and 531 (Agent Shipment ID Number) are specific data elements and should be sent in the appropriate segments where they appear and not in the Reference Number Segment (N9).Used for cross reference to other invoices to be associated with the invoice defined in G0102Used for cross reference to other purchase orders to be associated with the purchase order defined in G5003Used to identify a manufacturing batch (includes lot and/or production code)Used to list the purchase orders (other than the purchase order in G0104) to be considered with the invoice being transmittedA number assigned by the receiving company to uniquely identify a particular invoice, typically for direct store deliveryUsed to provide a means for brokers to transmit a vendor assigned terms code on a purchase order using the N9 segmentA number assigned by the receiving company to uniquely identify a vendor, typically for direct store deliveryFor Warehouse Transaction Set usage only |
|   | OA |  | Outlet Number |
|  | **N902** | **127** | **Reference Identification** | **X** |  | **AN 1/30** |
|  | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier |
|  | For WINS, reference numbers pertaining to the entire order as a whole should be put in the header level of the transaction set. Reference numbers pertaining to individual line items should appear in the detail level of the transaction set. |
| **X** | **N903** | **369** | **Free-form Description** | **X** |  | **AN 1/45** |
| **X** | **N904** | **373** | **Date** | **O** |  | **DT 8/8** |
| **X** | **N905** | **337** | **Time** | **X** |  | **TM 4/8** |
| **X** | **N906** | **623** | **Time Code** | **O** |  | **ID 2/2** |
|  | Refer to 004010UCS Data Element Dictionary for acceptable code values. |

 **Segment: LS Loop Header**

 **Position:** 010

 **Loop:**

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To indicate that the next segment begins a loop

 **Syntax Notes:**

 **Semantic Notes:** **1** One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

 **Comments:** **1** See Figures Appendix for an explanation of the use of the LS and LE segments.

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **LS01** | **447** | **Loop Identifier Code** | **M** |  | **AN 1/6** |
|  | The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE |

 **Segment: G83 Line Item Detail/Direct Store Delivery**

 **Position:** 020

 **Loop:** 0100 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To specify the basic, and most frequently used line item data for the delivery record transaction

 **Syntax Notes:** **1** At least one of G8304 or G8305 is required.

 **2** If either G8305 or G8306 is present, then the other is required.

 **3** If G8307 is present, then G8309 is required.

 **4** If either G8311 or G8312 is present, then the other is required.

 **Semantic Notes:**

 **Comments:** **1** G8303 qualifies G8302.

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **G8301** | **204** | **Direct Store Delivery Sequence Number** | **M** |  | **N0 1/4** |
|  | Direct Store Delivery sequential number of the line item detail or a new line item detail |
|  | This is the sequential number of the line item detail in the Delivery/Return Base Record Transaction Set (894) or a new line item detail to the Delivery/Return Acknowledgement and/or Adjustment Transaction Set (895). |
| **M** | **G8302** | **380** | **Quantity** | **M** |  | **R3 1/15** |
|  | Numeric value of quantity |
| **M** | **G8303** | **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 |
|  | **G8304** | **766** | **U.P.C./EAN Consumer Package Code** | **X** |  | **AN 12/12** |
|  | 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 |
|  | **G8305** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |
|   | AC |  | Aggregation Code (Used to Consolidate Part Families) |
|  | **G8306** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
|  | Identifying number for a product or service |
| **X** | **G8307** | **438** | **U.P.C. Case Code** | **O** |  | **AN 12/12** |
|  | **G8308** | **237** | **Item List Cost** | **O** |  | **R4 1/9** |
|  | Gross unit cost within the appropriate price bracket for a line item |
|  | **G8309** | **356** | **Pack** | **X** |  | **N0 1/6** |
|  | The number of inner containers, or number of eaches if there are no inner containers, per outer container |
|  | **G8310** | **878** | **Cash Register Item Description** | **O** |  | **AN 1/20** |
|  | The cash register description of an item |
| **X** | **G8311** | **235** | **Product/Service ID Qualifier** | **X** |  | **ID 2/2** |
|  | Refer to 004010UCS Data Element Dictionary for acceptable code values. |
| **X** | **G8312** | **234** | **Product/Service ID** | **X** |  | **AN 1/48** |
| **X** | **G8313** | **810** | **Inner Pack** | **O** |  | **N0 1/6** |

 **Segment: G72 Allowance or Charge**

 **Position:** 040

 **Loop:** 0100 Optional

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 10

 **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.

**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 |
|   | 97 |  | Cents Off |
|   | 526 |  | Beverage Tax |
| **M** | **G7202** | **331** | **Allowance or Charge Method of Handling Code** | **M** |  | **ID 2/2** |
|  | Code indicating method of handling for an allowance or charge |
|   | 02 |  | Off Invoice |
|  | Allowance included on invoice |
| **X** | **G7203** | **341** | **Allowance or Charge Number** | **X** |  | **AN 1/16** |
| **X** | **G7204** | **769** | **Exception Number** | **O** |  | **AN 1/16** |
|  | **G7205** | **359** | **Allowance or Charge Rate** | **X** |  | **R4 1/15** |
|  | Allowance or Charge Rate per Unit |
|  | **G7206** | **339** | **Allowance or Charge Quantity** | **X** |  | **R3 1/10** |
|  | Quantity basis when allowance or charge quantity is different from the purchase order or invoice quantity |
|  | **G7207** | **355** | **Unit or Basis for Measurement Code** | **X** |  | **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 |
| **X** | **G7208** | **360** | **Allowance or Charge Total Amount** | **X** |  | **N2 1/15** |
| **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: LE Loop Trailer**

 **Position:** 060

 **Loop:**

 **Level:** Detail

 **Usage:** Optional

 **Max Use:** 1

 **Purpose:** To indicate that the loop immediately preceding this segment is complete

 **Syntax Notes:**

 **Semantic Notes:** **1** One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

 **Comments:** **1** See Figures Appendix for an explanation of the use of the LE and LS segments.

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **LE01** | **447** | **Loop Identifier Code** | **M** |  | **AN 1/6** |
|  | The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE |

 **Segment: G84 Delivery/Return Record of Totals**

 **Position:** 030

 **Loop:**

 **Level:** Summary

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To specify summary details of total items in terms of quantity or amount

 **Syntax Notes:** **1** At least one of G8401 or G8402 is required.

 **Semantic Notes:**

 **Comments:**

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **G8401** | **380** | **Quantity** | **X** |  | **R3 1/15** |
|  | Numeric value of quantity |
|  | G8401 is equal to the sum of all line item detail quantities for G8302. |
|  | **G8402** | **361** | **Total Invoice Amount** | **X** |  | **N2 1/10** |
|  | Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable) |
| **X** | **G8403** | **865** | **Total Deposit Dollar Amount** | **O** |  | **N2 1/6** |

 **Segment: G86 Signature**

 **Position:** 040

 **Loop:**

 **Level:** Summary

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To transmit an electronic identity

 **Syntax Notes:**

 **Semantic Notes:** **1** G8602 is a keyed representation of a signature.

 **Comments:**

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **G8601** | **867** | **Signature** | **O** |  | **AN 1/12** |
|  | Electronic identity. Calculation algorithm obtained from the Uniform Code Council |
|  | When used in Direct Store Delivery applications, this is the sender's electronic identity. |
| **X** | **G8602** | **93** | **Name** | **O** |  | **AN 1/60** |

 **Segment: G85 Record Integrity Check**

 **Position:** 050

 **Loop:**

 **Level:** Summary

 **Usage:** Mandatory

 **Max Use:** 1

 **Purpose:** To provide a secure method of identifying authenticity of record content

 **Syntax Notes:**

 **Semantic Notes:**

 **Comments:**

**Data Element Summary**

 **Ref. Data**

 **Des. Element Name Attributes**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **M** | **G8501** | **866** | **Integrity Check Value** | **M** |  | **AN 1/12** |
|  | Data element providing secure method for identifying authenticity of content. Value calculated by using CRC 16 algorithm |

 **Segment: SE Transaction Set Trailer**

 **Position:** 060

 **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). |