



894 Delivery/Return Base Record - Canada

DEX EDI (VICS)

Version: 007060VICS

| | |
|---------------------|--|
| Author: | GS1 Canada and GS1 US |
| Publication: | 2019-12-31 |
| Notes: | For implementation June, 2020 |

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894 Delivery/Return Base Record - Canada

Functional Group=DX

Purpose: This X12 Transaction Set 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.

Note 1:

This implementation guideline of the 894 transaction for Direct Store Delivery is for use in Canada.

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|-----------|----------------------------|------------|----------------|---------------|--------------|--------------|-------------|
| 0000 | DXS | DEX/UCS Application Header | M | 1 | | | Must use | 3 |

Heading:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|-----------|--|------------|----------------|---------------|--------------|--------------|-------------|
| 0100 | ST | Transaction Set Header | M | 1 | | | Must use | 5 |
| 0200 | G82 | Delivery/Return Base Record Identifier | M | 1 | | | Must use | 6 |
| 0250 | N9 | Extended Reference Information | O | >1 | | | Used | 8 |
| * 0300 | MTX | Text | O | 5 | | | | N/A |

Detail:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|-----------------------|-----------|--|------------|----------------|---------------|--------------|--------------|-------------|
| LOOP ID - LS | | | | | 1 | | | 9 |
| 0100 | LS | Loop Header | O | 1 | | | Used | 10 |
| LOOP ID - 0100 | | | | | 9999 | | | 11 |
| 0200 | G83 | Line Item Detail/Direct Store Delivery | O | 1 | | | Used | 12 |
| * 0250 | SLN | Subline Item Detail | O | 1 | | | | N/A |
| * 0260 | MTX | Text | O | 5 | | | | N/A |
| 0300 | G22 | Pre-Pricing Information | O | 1 | | | Used | 16 |
| 0400 | G72 | Allowance or Charge | O | 10 | | | Used | 17 |
| * 0450 | TXI | Tax Information | O | >1 | | | | N/A |
| * 0500 | G23 | Terms of Sale | O | 20 | | | | N/A |
| * 0530 | DTM | Date/Time Reference | O | 5 | | | | N/A |
| * 0540 | N9 | Extended Reference Information | O | 5 | | | | N/A |
| 0600 | LE | Loop Trailer | M | 1 | | | Used | 20 |

Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|-----------|----------------------------------|------------|----------------|---------------|--------------|--------------|-------------|
| 0100 | G72 | Allowance or Charge | O | 20 | | | Used | 21 |
| 0200 | G23 | Terms of Sale | O | 20 | | | Used | 24 |
| * 0250 | TXI | Tax Information | O | >1 | | | | N/A |
| 0300 | G84 | Delivery/Return Record of Totals | M | 1 | | | Must use | 27 |
| 0400 | G86 | Signature Identification | M | 1 | | | Must use | 28 |

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
|------------|-----------|--------------------------------|------------|----------------|---------------|--------------|--------------|-------------|
| 0500 | G85 | Record Integrity Check | M | 1 | | | Must use | 29 |
| 0600 | SE | Transaction Set Trailer | M | 1 | | | Must use | 30 |
| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> | <u>Page</u> |
| 0700 | DXE | DEX/UCS Application Trailer | M | 1 | | | Must use | 31 |

DXS DEX/UCS Application Header

| | |
|-------------------------|-------------|
| Pos: 0000 | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 6 |

User Option (Usage): Must use

Purpose: To provide identification and control information.

Note 1:

The purpose of this control segment is to provide identification and control information. It must appear as the first data segment in any DEX/UCS transmission.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| DXS01 | 67 | Identification Code | M | AN | 2/80 | Must use |

Description: Code identifying a party or other code.

Note 1: DXS01 contains the sender's identification number. Acceptable values are a UCS Comm ID or GS1 US Global Location Number. No other values may be used.

Note 2: UCS Comm Id - a ten-digit number assigned by GS1 US that uniquely identifies the UCS user. The sender must inform the receiver in advance of the specific ten-digit number that will be used.

Note 3: Global Location Number - a 13 digit number that uniquely identifies the trade party. The sender must inform the receiver in advance of the specific 13-digit number that will be used.

| | | | | | | |
|-------|-----|----------------------------|---|----|-----|----------|
| DXS02 | 479 | Functional Identifier Code | M | ID | 2/2 | Must use |
|-------|-----|----------------------------|---|----|-----|----------|

Description: Code identifying a group of application related transaction sets.

Code List Summary (Total Codes: 260, Included: 1)

Code Name

DX Direct Exchange Delivery and Return Information (894, 895)

| | | | | | | |
|-------|-----|--|---|----|------|----------|
| DXS03 | 480 | Version / Release / Industry Identifier Code | M | AN | 1/12 | Must use |
|-------|-----|--|---|----|------|----------|

Description: Code indicating the version, release, subrelease and industry identifier of the EDI standard being used.

Note 1: A code indicating the version and release of the VICS standards being used.

Note 2: The code is expressed in the form xxxyyyVICS, where xxx is the version, yyy is the release, and VICS indicates the industry subset of the X12 standard. For this document, the correct value is 007060VICS.

Note 3: In a sequence of exchanges consisting of the 894 Base record and one or more 895 Acknowledgment/Adjustment records forming a single record set, all acknowledgment/Adjustment records must use the same version and release as used in the base record.

Note 4: All transaction sets following this DXS Application Header must be coded in the particular version and release listed in this header.

| | | | | | | |
|-------|-----|-----------------------------|---|----|-----|----------|
| DXS04 | 404 | Transmission Control Number | M | N0 | 1/5 | Must use |
|-------|-----|-----------------------------|---|----|-----|----------|

Description: A unique number assigned to the transmission group by the sender.

Note 1: In a sequence of transmissions of a base record and one or more acknowledgment/adjustment records, each new transmission by the same party should have a different transmission control number.

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|----------------------------|------------|-------------|----------------|--------------|
| DXS05 | 67 | Identification Code | O | AN | 2/80 | Used |
| Description: Code identifying a party or other code. | | | | | | |
| Note 1: <i>DXS05 contains the receiver's identification number. Acceptable values are a ten-digit UCS Comm ID or 13-digit GS1 US Global Location Number.</i> | | | | | | |
| DXS06 | 376 | Test Indicator | O | ID | 1/1 | Recommended |
| Description: Code indicating whether data enclosed by this interchange envelope is test or production. | | | | | | |
| Note 1: | | | | | | |
| <i>P - Production Data</i> | | | | | | |
| <i>T - Test Data</i> | | | | | | |

ST Transaction Set Header

| | |
|---------------------|-------------|
| Pos: 0100 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------------|------------|-------------|----------------|--------------|
| ST01 | 143 | Transaction Set Identifier Code | M | ID | 3/3 | Must use |

Description: Code identifying a Transaction Set

Note 1: 894 Delivery/Return Base Record - Canada

Code List Summary (Total Codes: 322, Included: 1)

Code Name

894 Delivery/Return Base Record

| | | | | | | |
|------|-----|--------------------------------|---|----|-----|----------|
| 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

Note 1: 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 be incremented by one for each additional transaction set within the group.

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.

G82 Delivery/Return Base Record Identifier

| | |
|---------------------|--------------|
| Pos: 0200 | Max: 1 |
| Heading - Mandatory | |
| Loop: N/A | Elements: 10 |

User Option (Usage): Must use

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|--|------------|-------------|----------------|--------------|
| G8201 | 478 | Credit/Debit Flag Code | M | ID | 1/1 | Must use |
| Description: Code indicating whether amount is a credit or debit | | | | | | |
| Code List Summary (Total Codes: 4, Included: 2) | | | | | | |
| Code Name | | | | | | |
| C Credit | | | | | | |
| D Debit | | | | | | |
| G8202 | 861 | Supplier's Delivery/Return Number | M | AN | 1/22 | Must use |
| Description: Identifying number assigned by the supplier to the transaction | | | | | | |
| Note 1: Invoice Number | | | | | | |
| G8203 | 860 | D-U-N-S Number Code | O | ID | 9/9 | Used |
| Description: Code specifying number assigned by Dun & Bradstreet (Data Universal Numbering System) | | | | | | |
| Note 1: See External Code Source 16 in Section III for reference document. Receiver's Duns number. | | | | | | |
| G8204 | 862 | Receiver's Location Number | M | AN | 1/13 | Must use |
| Description: Number assigned by the customer to uniquely identify the receiving location | | | | | | |
| Note 1: Number assigned by the customer to uniquely identify the receiving location. | | | | | | |
| Note 2: G8204 may accommodate the Receiver's GS1 GLN (Global Location Number). | | | | | | |
| G8205 | 860 | D-U-N-S Number Code | O | ID | 9/9 | Used |
| Description: Code specifying number assigned by Dun & Bradstreet (Data Universal Numbering System) | | | | | | |
| Note 1: See External Code Source 16 in Section III for reference document. | | | | | | |
| Supplier's Duns Number | | | | | | |
| G8206 | 871 | Supplier's Location Number | M | AN | 1/13 | Must use |
| Description: Number assigned by supplier to uniquely identify the supplier's location | | | | | | |
| Note 1: Route Number or Driver Number or Global Location Number (GLN). | | | | | | |
| Note 2: Number assigned by the supplier to uniquely identify the supplier's location. | | | | | | |
| G8207 | 872 | Physical Delivery or Return Date | M | DT | 8/8 | Must use |
| Description: Actual or intended date of physical delivery or return expressed in format CCYYMMDD where CC represents the first two digits of the calendar year | | | | | | |
| G8211 | 146 | Shipment Method of Payment Code | O | ID | 2/2 | Used |
| Description: Code identifying payment terms for transportation charges | | | | | | |
| Note 1: For all air shipments, use code in IATA rule 650. | | | | | | |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---|------------|-------------|----------------|--|
| | | <i>For Warehouse Transaction Set usage only</i> | | | | |
| | | Code List Summary (Total Codes: 31, Included: 4) | | | | |
| | | Code Name | | | | |
| | | CC | | | | Collect |
| | | PB | | | | Customer Pickup/Backhaul |
| | | PC | | | | Prepaid but Charged to Customer |
| | | PP | | | | Prepaid (by Seller) |
| G8212 | 625 | COD Method of Payment Code | O | ID | 1/1 | Used |
| | | Description: Code indicating method of payment acceptable for C.O.D. charge collection | | | | |
| | | Code List Summary (Total Codes: 4, Included: 4) | | | | |
| | | Code Name | | | | |
| | | 1 | | | | Certified or Cashier's Check Only |
| | | 2 | | | | Certified or Cashier's or Company Check Only |
| | | 3 | | | | Certified or Cashier's or Company or Personal Check Only |
| | | 4 | | | | Cash or Certified Check Only |
| G8213 | 1321 | Condition Indicator Code | O | ID | 2/3 | Used |
| | | Description: Code indicating a condition | | | | |
| | | Code List Summary (Total Codes: 1453, Included: 1) | | | | |
| | | Code Name | | | | |
| | | LPC | | | | Legislative Price Control in Effect |
| | | Description: <i>Prices are controlled or approved by a legislative body, such as a state or province</i> | | | | |

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.

N9 Extended Reference Information

| | |
|--------------------|-------------|
| Pos: 0250 | Max: >1 |
| Heading - Optional | |
| Loop: N/A | Elements: 3 |

User Option (Usage): Used

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| N901 | 128 | Reference Identification Qualifier | M | ID | 2/3 | Must use |

Description: Code identifying the Reference Identification

Code List Summary (Total Codes: 1884, Included: 4)

Code Name

08 Carrier Assigned Package Identification Number

Description: A reference number assigned by a carrier to uniquely identify a single package

4G Provincial Tax Identification

4O Canadian Goods & Services or Quebec Sales Tax Reference Number

LA Shipping Label Serial Number

| | | | | | | |
|------|-----|--------------------------|---|----|------|------|
| N902 | 127 | Reference Identification | X | AN | 1/80 | Used |
|------|-----|--------------------------|---|----|------|------|

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| | | | | | | |
|------|-----|-----------------------|---|----|------|------|
| N903 | 369 | Free-form Description | X | AN | 1/45 | Used |
|------|-----|-----------------------|---|----|------|------|

Description: Free-form descriptive text

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

Loop Loop Header

| | |
|-----------|---------------|
| Pos: 0100 | Repeat: 1 |
| Optional | |
| Loop: LS | Elements: N/A |

User Option (Usage): Used

Purpose: To indicate that the next segment begins a loop

Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|----------------|---------------|--------------|
| 0100 | LS | Loop Header | O | 1 | | Used |
| 0200 | | Loop 0100 | O | | 9999 | Used |
| 0600 | LE | Loop Trailer | M | 1 | | Used |

LS Loop Header

| | |
|-------------------|-------------|
| Pos: 0100 | Max: 1 |
| Detail - Optional | |
| Loop: LS | Elements: 1 |

User Option (Usage): Used

Purpose: To indicate that the next segment begins a loop

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------------|------------|-------------|----------------|--------------|
| LS01 | 447 | Loop Identifier Code | M | AN | 1/6 | Must use |

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Semantics:

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 preferred value for the identifier is the segment ID of the required loop beginning segment.

Comments:

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

Loop Line Item Detail/Direct Store Delivery

| | |
|------------|---------------|
| Pos: 0200 | Repeat: 9999 |
| Optional | |
| Loop: 0100 | Elements: N/A |

User Option (Usage): Used

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

Loop Summary:

| <u>Pos</u> | <u>Id</u> | <u>Segment Name</u> | <u>Req</u> | <u>Max Use</u> | <u>Repeat</u> | <u>Usage</u> |
|------------|-----------|--|------------|----------------|---------------|--------------|
| 0200 | G83 | Line Item Detail/Direct Store Delivery | O | 1 | | Used |
| 0300 | G22 | Pre-Pricing Information | O | 1 | | Used |
| 0400 | G72 | Allowance or Charge | O | 10 | | Used |

G83 Line Item Detail/Direct Store Delivery

Pos: 0200 Max: 1
 Detail - Optional
 Loop: 0100 Elements: 15

User Option (Usage): Used

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| G8301 | 204 | Direct Store Delivery Sequence Number | M | N0 | 1/4 | Must use |

Description: Direct Store Delivery sequential number of the line item detail or a new line item detail

Note 1: 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).

| | | | | | | |
|-------|-----|-----------------|---|---|------|----------|
| G8302 | 380 | Quantity | M | R | 1/15 | Must use |
|-------|-----|-----------------|---|---|------|----------|

Description: Numeric value of quantity

| | | | | | | |
|-------|-----|---|---|----|-----|----------|
| G8303 | 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

Note 1: 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.

Code List Summary (Total Codes: 924, Included: 10)

| <u>Code</u> | <u>Name</u> |
|-------------|------------------|
| BX | Box |
| CA | Case |
| CT | Carton |
| DZ | Dozen |
| EA | Each |
| KG | Kilogram |
| LB | Pound |
| PK | Package |
| PL | Pallet/Unit Load |
| UN | Unit |

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| G8305 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
|-------|-----|-------------------------------------|---|----|-----|------|

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code List Summary (Total Codes: 562, Included: 8)

| <u>Code</u> | <u>Name</u> |
|-------------|--|
| AC | Aggregation Code (Used to Consolidate Part Families) |

Note 1:
Used to identify a group (e.g. a style)

| | |
|----|------|
| CA | Case |
|----|------|

Note 1:

Code Name

GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.

DI Deposit Item Number

Note 1:

Used for deposit items such as empty bottles that do not contain products for resale.

EN GTIN-13

Description: A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

Description: An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

NR Non-resaleable item (excluding deposit) number

UK GTIN-14

Description: A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

Description: A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

| | | | | | | |
|-------|-----|---------------------------|---|----|------|------|
| G8306 | 234 | Product/Service ID | X | AN | 1/80 | Used |
|-------|-----|---------------------------|---|----|------|------|

Description: Identifying number for a product or service

| | | | | | | |
|-------|-----|-----------------------|---|---|-----|------|
| G8308 | 237 | Item List Cost | O | R | 1/9 | Used |
|-------|-----|-----------------------|---|---|-----|------|

Description: Gross unit cost within the appropriate price bracket for a line item

Note 1: *Gross unit cost expressed in decimal dollars per unit of measure.*

| | | | | | | |
|-------|-----|-------------|---|----|-----|------|
| G8309 | 356 | Pack | X | N0 | 1/6 | Used |
|-------|-----|-------------|---|----|-----|------|

Description: The number of inner containers, or number of eaches if there are no inner containers, per outer container

Note 1: *If G8303 Unit or Basis for Measurement Code = CA, then G8309 Pack is required.*

The number of retail units per secondary case.

| | | | | | | |
|-------|-----|---------------------------------------|---|----|------|------|
| G8310 | 878 | Cash Register Item Description | O | AN | 1/20 | Used |
|-------|-----|---------------------------------------|---|----|------|------|

Description: The cash register description of an item

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| G8311 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
|-------|-----|-------------------------------------|---|----|-----|------|

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Note 1: *G8311 and G8312 may be used to identify the case level GTIN.*

Code List Summary (Total Codes: 562, Included: 8)

Code Name

AC Aggregation Code (Used to Consolidate Part Families)

Note 1:

Used to identify a group (e.g. a style)

CA Case

Note 1:

Code Name

GTIN EAN/UCC-14 digit Shipping Unit – the data structure for a 14-digit EAN.UCC Global Trade Item Number that uniquely identifies a manufacturer's shipping unit encompassing non-consumer trade units such as cases, pallets and inner packs. The number includes the packaging indicator and check digit.

DI Deposit Item Number

Note 1:

Used for deposit items such as empty bottles that do not contain products for resale.

EN GTIN-13

Description: A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

Description: An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

NR Non-resaleable item (excluding deposit) number

UK GTIN-14

Description: A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

Description: A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

| | | | | | | |
|-------|-----|---------------------------|---|----|------|------|
| G8312 | 234 | Product/Service ID | X | AN | 1/80 | Used |
|-------|-----|---------------------------|---|----|------|------|

Description: Identifying number for a product or service

| | | | | | | |
|-------|-----|-------------------|---|----|-----|------|
| G8313 | 810 | Inner Pack | O | N0 | 1/6 | Used |
|-------|-----|-------------------|---|----|-----|------|

Description: The number of eaches per inner container

| | | | | | | |
|-------|-----|-------------------------------------|---|----|-----|------|
| G8314 | 235 | Product/Service ID Qualifier | X | ID | 2/2 | Used |
|-------|-----|-------------------------------------|---|----|-----|------|

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Note 1: Data elements G8314 and G8315 are used to provide product country of origin information.

Code List Summary (Total Codes: 543, Included: 6)**Code Name**

V1 Ingredient Country of Origin Code

V2 Tariff Country of Origin Code

V3 Country of Last Processing Code

V4 Country of Assembly Code

V5 Logistics Country of Origin Code

V6 United States Department of Agriculture (USDA) Country of Origin Code

Description: Country of origin per United States Department of Agriculture regulations

| | | | | | | |
|-------|-----|---------------------------|---|----|------|------|
| G8315 | 234 | Product/Service ID | X | AN | 1/80 | Used |
|-------|-----|---------------------------|---|----|------|------|

Description: Identifying number for a product or service

| | | | | | | |
|-------|-----|---|---|----|-----|------|
| G8316 | 355 | Unit or Basis for Measurement Code | X | ID | 2/2 | Used |
|-------|-----|---|---|----|-----|------|

Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|---|-----------|-----------------------|------------|-------------|----------------|--------------|
| Code List Summary (Total Codes: 924, Included: 10) | | | | | | |
| Code Name | | | | | | |
| BX Box | | | | | | |
| CA Case | | | | | | |
| CT Carton | | | | | | |
| DZ Dozen | | | | | | |
| EA Each | | | | | | |
| KG Kilogram | | | | | | |
| LB Pound | | | | | | |
| PK Package | | | | | | |
| PL Pallet/Unit Load | | | | | | |
| UN Unit | | | | | | |
| G8317 | 237 | Item List Cost | X | R | 1/9 | Used |

Description: Gross unit cost within the appropriate price bracket for a line item

Syntax Rules:

1. R0405 - At least one of G8304 or G8305 is required.
2. E0406 - Only one of G8304 or G8306 may be present.
3. P0506 - If either G8305 or G8306 is present, then the other is required.
4. C0709 - If G8307 is present, then G8309 is required.
5. E0712 - Only one of G8307 or G8312 may be present.
6. P1112 - If either G8311 or G8312 is present, then the other is required.
7. P1415 - If either G8314 or G8315 is present, then the other is required.
8. P1617 - If either G8316 or G8317 is present, then the other is required.

Comments:

1. G8303 qualifies G8302.
2. G8314 and G8315 are used to provide the country of origin for the product identified in this segment.
3. G8316 and G8317 pertain to G8307 or G8312.
4. G8316 qualifies G8317.
5. G8316 specifies a different unit of measure for the product than what is specified in G8303.

G22 Pre-Pricing Information

| | |
|-------------------|-------------|
| Pos: 0300 | Max: 1 |
| Detail - Optional | |
| Loop: 0100 | Elements: 5 |

User Option (Usage): Used

Purpose: To specify pre-pricing information

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-------------------------------|------------|-------------|----------------|--------------|
| G2201 | 288 | Pre-priced Option Code | M | ID | 1/1 | Must use |

Description: Code specifying pre-pricing option selected

Note 1: One data element is mandatory if this optional segment is used.

Code List Summary (Total Codes: 7, Included: 4)

Code Name

A Pre-Priced Prices included and price qualifier applies
 N Not Pre-Priced
 Y Pre-Priced (Prices Included)
 Z Pre-Priced (Prices Not Included)

| | | | | | | |
|-------|-----|------------------------------------|---|----|-----|------|
| G2202 | 420 | Price New, Suggested Retail | O | N2 | 2/7 | Used |
|-------|-----|------------------------------------|---|----|-----|------|

Description: The consumer package price or retail unit price associated with the product applicable on or after an effective price date

| | | | | | | |
|-------|-----|--------------------------------|---|----|-----|------|
| G2203 | 289 | Multiple Price Quantity | O | N0 | 1/2 | Used |
|-------|-----|--------------------------------|---|----|-----|------|

Description: Quantity of units for a given price, e.g., 3 for \$10.00

Note 1: Used ONLY if G2201 is equal to A. (e.g. if G2202=198 and G2203=3, the pre-price mark reads (3/\$1.98).

| | | | | | | |
|-------|---|--------------------------|---|----|------|------|
| G2204 | 3 | Free-form Message | O | AN | 1/60 | Used |
|-------|---|--------------------------|---|----|------|------|

Description: Free-form text

Note 1: This data element should only be used when information cannot be expressed in machine readable/processable form and is important in the processing of a transaction.

| | | | | | | |
|-------|-----|-------------|---|----|-----|------|
| G2205 | 373 | Date | O | DT | 8/8 | Used |
|-------|-----|-------------|---|----|-----|------|

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

Semantics:

1. If G2201 equals "A", then G2202 and G2203 are required.
2. If G2201 equals "Y", then G2202 is required.
3. G2205 is the effective date of the price information.

Comments:

1. If G2201 equals "Z" or G2201 equals "N", then neither G2202 nor G2203 are required.

G72 Allowance or Charge

| | |
|-------------------|--------------|
| Pos: 0400 | Max: 10 |
| Detail - Optional | |
| Loop: 0100 | Elements: 12 |

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Note 1:

If an adjustment needs to be made to one or more of the G72 segments for an item, the entire set of G72 segments for the item should be replaced with a complete, new set. (This convention is invoked in order to avoid ambiguity concerning the segment being adjusted).

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------------------|------------|-------------|----------------|--------------|
| G7201 | 340 | Allowance or Charge Code | M | ID | 1/3 | Must use |

Description: Code identifying the type of allowance or charge

Note 1: *For Deposit Charges associated with Resale Items should be set equal to "525" to indicate a deposit charge*

Code List Summary (Total Codes: 128, Included: 7)

Code Name

- 97 Cents Off
- 490 Goods and Services Credit Allowance

Note 1:

Canadian GST or Harmonized Credit Allowance

- 525 Deposit Charge - Resale Item
- 527 Environmental Handling Charge

Note 1:

Code may be used to convey the USA Bottle Bills - Hawaii Solid Waste Management: Deposit Beverage Container Law (Action 176) handling fee.

Note 2:

Code may be used to convey a recycling fee.

- 537 State or Province Tax
- 570 Recycling Fee
- 990 Goods and Services Charge

Note 1:

Canadian GST or Harmonized Sales Tax

| | | | | | | |
|-------|-----|--|---|----|-----|----------|
| G7202 | 331 | Allowance or Charge Method of Handling Code | M | ID | 2/2 | Must use |
|-------|-----|--|---|----|-----|----------|

Description: Code indicating method of handling for an allowance or charge

Code List Summary (Total Codes: 22, Included: 4)

Code Name

- 01 Bill Back
- 02 Off Invoice
- 06 Charge to be Paid by Customer

Note 1:

Allowance included on invoice

Note 1:

Code Name*Charge included on invoice*

15 Information Only

Description: *When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only***Note 1:***When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only.*

| | | | | | | |
|-------|-----|---|---|----|------|------|
| G7203 | 341 | Allowance or Charge Number | X | AN | 1/16 | Used |
| | | Description: | The number assigned by a vendor referencing an allowance, promotion, deal or charge | | | |
| G7204 | 769 | Exception Number | O | AN | 1/16 | Used |
| | | Description: | A unique number identifying an exception or modification to an offered or existing promotion | | | |
| G7205 | 359 | Allowance or Charge Rate | X | R | 1/15 | Used |
| | | Description: | Allowance or Charge Rate per Unit | | | |
| | | Note 1: | <i>This data element is used if the allowance or charge is specified in terms of a rate (e.g. a dollar amount per unit. It is Positive for CHARGES and Negative for ALLOWANCES.</i> | | | |
| G7206 | 339 | Allowance or Charge Quantity | X | R | 1/10 | Used |
| | | Description: | 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 | Used |
| | | Description: | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |
| | | Note 1: | <i>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.</i> | | | |
| | | | <i>G7207 and G7206 specify the quantity and unit of measure to which the rate in G7205 is applied. They should only be used where these quantities are different from those expressed in G8302 and G8303.</i> | | | |

Code List Summary (Total Codes: 924, Included: 10)**Code Name**

BX Box
 CA Case
 CT Carton
 DZ Dozen
 EA Each
 KG Kilogram
 LB Pound
 PK Package
 PL Pallet/Unit Load
 UN Unit

| | | | | | | |
|-------|-----|---|---|----|------|------|
| G7208 | 360 | Allowance or Charge Total Amount | X | N2 | 1/15 | Used |
|-------|-----|---|---|----|------|------|

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| | | Description: Total dollar amount for the allowance or charge | | | | |
| | | Note 1: <i>In hundredths of dollars.</i> | | | | |
| G7209 | 332 | Percent, Decimal Format | X | R | 1/6 | Used |
| | | Description: Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) | | | | |
| G7210 | 828 | Dollar Basis For Percent | X | R | 1/9 | Used |
| | | Description: Dollar basis to be used in the percent calculation of the allowance, charge or tax | | | | |
| G7211 | 770 | Option Number | O | AN | 1/20 | Used |
| | | Description: A unique number identifying available promotion or allowance options when more than one is offered | | | | |
| G7212 | 352 | Description | O | AN | 1/80 | Used |
| | | Description: A free-form description to clarify the related data elements and their content | | | | |

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.
4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

Semantics:

1. G7209 is the allowance or charge percent.
2. If the code used in G7201 does not sufficiently describe the allowance or charge, use of G7212 is recommended.

LE Loop Trailer

| | |
|--------------------|-------------|
| Pos: 0600 | Max: 1 |
| Detail - Mandatory | |
| Loop: LS | Elements: 1 |

User Option (Usage): Used

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------------|------------|-------------|----------------|--------------|
| LE01 | 447 | Loop Identifier Code | M | AN | 1/6 | Must use |

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

Semantics:

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 "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 preferred value for the identifier is the segment ID of the required loop beginning segment.

Comments:

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

G72 Allowance or Charge

| | |
|--------------------|--------------|
| Pos: 0100 | Max: 20 |
| Summary - Optional | |
| Loop: N/A | Elements: 12 |

User Option (Usage): Used

Purpose: To specify allowances, charges, or services

Note 1:

This G72 segment is not a summary of the detail G72 segments.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--------------------------|------------|-------------|----------------|--------------|
| G7201 | 340 | Allowance or Charge Code | M | ID | 1/3 | Must use |

Description: Code identifying the type of allowance or charge

Code List Summary (Total Codes: 128, Included: 7)

Code Name

97 Cents Off
490 Goods and Services Credit Allowance

Note 1:

Canadian GST or Harmonized credit allowance

525 Deposit Charge - Resale Item
527 Environmental Handling Charge

Note 1:

Code may be used to convey the USA Bottle Bills - Hawaii Solid Waste Management: Deposit Beverage Container Law (Action 176) handling fee.

Note 2:

Code may be used to convey a recycling fee.

537 State or Province Tax
570 Recycling Fee
990 Goods and Services Charge

Note 1:

Canadian GST or Harmonized Sales Tax

| | | | | | | |
|-------|-----|---|---|----|-----|----------|
| G7202 | 331 | Allowance or Charge Method of Handling Code | M | ID | 2/2 | Must use |
|-------|-----|---|---|----|-----|----------|

Description: Code indicating method of handling for an allowance or charge

Code List Summary (Total Codes: 22, Included: 4)

Code Name

01 Bill Back
02 Off Invoice

Note 1:

Allowance included on invoice

06 Charge to be Paid by Customer

Note 1:

Charge included on invoice

15 Information Only

Description: *When this code is used, the allowance or charge amounts are not to*

Code Name

be added or subtracted from the transaction; the data is being provided for information purposes only

Note 1:

When this code is used, the allowance or charge amounts are not to be added or subtracted from the transaction; the data is being provided for information purposes only.

| | | | | | | |
|-------|-----|---|--|----|------|------|
| G7203 | 341 | Allowance or Charge Number | X | AN | 1/16 | Used |
| | | Description: | The number assigned by a vendor referencing an allowance, promotion, deal or charge | | | |
| G7204 | 769 | Exception Number | O | AN | 1/16 | Used |
| | | Description: | A unique number identifying an exception or modification to an offered or existing promotion | | | |
| G7205 | 359 | Allowance or Charge Rate | X | R | 1/15 | Used |
| | | Description: | Allowance or Charge Rate per Unit | | | |
| G7206 | 339 | Allowance or Charge Quantity | X | R | 1/10 | Used |
| | | Description: | 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 | Used |
| | | Description: | Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |
| | | Note 1: | <i>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.</i> | | | |

Code List Summary (Total Codes: 924, Included: 10)**Code Name**

BX Box
 CA Case
 CT Carton
 DZ Dozen
 EA Each
 KG Kilogram
 LB Pound
 PK Package
 PL Pallet/Unit Load
 UN Unit

| | | | | | | |
|-------|-----|---|--|----|------|------|
| G7208 | 360 | Allowance or Charge Total Amount | X | N2 | 1/15 | Used |
| | | Description: | Total dollar amount for the allowance or charge | | | |
| G7209 | 332 | Percent, Decimal Format | X | R | 1/6 | Used |
| | | Description: | Percent given in decimal format (e.g., 0.0 through 100.0 represents 0% through 100%) | | | |
| G7210 | 828 | Dollar Basis For Percent | X | R | 1/9 | Used |
| | | Description: | Dollar basis to be used in the percent calculation of the allowance, charge or tax | | | |

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|------------|-------------|----------------|--------------|
| G7211 | 770 | Option Number | O | AN | 1/20 | Used |
| | | Description: A unique number identifying available promotion or allowance options when more than one is offered | | | | |
| G7212 | 352 | Description | O | AN | 1/80 | Used |
| | | Description: A free-form description to clarify the related data elements and their content | | | | |

Syntax Rules:

1. R03050809 - At least one of G7203, G7205, G7208 or G7209 is required.
2. E050809 - Only one of G7205, G7208 or G7209 may be present.
3. P0607 - If either G7206 or G7207 is present, then the other is required.
4. P0910 - If either G7209 or G7210 is present, then the other is required.
5. C1103 - If G7211 is present, then G7203 is required.

Semantics:

1. G7209 is the allowance or charge percent.
2. If the code used in G7201 does not sufficiently describe the allowance or charge, use of G7212 is recommended.

G23 Terms of Sale

| | |
|--------------------|--------------|
| Pos: 0200 | Max: 20 |
| Summary - Optional | |
| Loop: N/A | Elements: 16 |

User Option (Usage): Used

Purpose: To specify the terms of sale

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------|------------|-------------|----------------|--------------|
| G2301 | 336 | Terms Type Code | M | ID | 2/2 | Must use |

Description: Code identifying type of payment terms

Code List Summary (Total Codes: 77, Included: 7)

Code Name

| | |
|----|-------------------------------------|
| 02 | End of Month (EOM) |
| 03 | Fixed Date |
| 08 | Basic Discount Offered |
| 09 | Proximo |
| 12 | 10 Days After End of Month (10 EOM) |
| 14 | Previously agreed upon |
| 24 | Anticipation |

Description: A discount allowance given when an invoice is paid before its due date (anticipation = (agreed rate/365) x invoice amount x number of days early)

| | | | | | | |
|-------|-----|------------------------------|---|----|-----|----------|
| G2302 | 333 | Terms Basis Date Code | M | ID | 1/2 | Must use |
|-------|-----|------------------------------|---|----|-----|----------|

Description: Code identifying the beginning of the terms period

Code List Summary (Total Codes: 17, Included: 6)

Code Name

| | |
|---|---------------------------|
| 1 | Ship Date |
| 2 | Delivery Date |
| 3 | Invoice Date |
| 4 | Specified Date |
| 7 | Effective Date |
| 8 | Invoice Transmission Date |

| | | | | | | |
|-------|-----|-------------------------|---|----|-----|------|
| G2303 | 282 | Terms Start Date | O | DT | 8/8 | Used |
|-------|-----|-------------------------|---|----|-----|------|

Description: Date from which payment terms are calculated expressed in format CCYYMMDD where CC represents the first two digits of the calendar year

| | | | | | | |
|-------|-----|---------------------------------|---|----|-----|------|
| G2304 | 283 | Terms Due Date Qualifier | O | ID | 2/2 | Used |
|-------|-----|---------------------------------|---|----|-----|------|

Description: Code identifying the method to be used for payment in conjunction with due date

Code List Summary (Total Codes: 4, Included: 4)

Code Name

| | |
|----|--|
| 01 | Mailed by Date (Postmark Date) |
| 02 | Received by date |
| 03 | Electronics Funds Transfer Settlement Date |
| 04 | Funds Deposited by Date |

| | | | | | | |
|-------|-----|---|---|----|------|------|
| G2305 | 338 | Terms Discount Percent | O | R | 1/6 | Used |
| | | Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date | | | | |
| G2306 | 370 | Terms Discount Due Date | O | DT | 8/8 | Used |
| | | Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD where CC represents the first two digits of the calendar year | | | | |
| G2307 | 351 | Terms Discount Days Due | O | N0 | 1/3 | Used |
| | | Description: Number of days in the terms discount period by which payment is due if terms discount is earned | | | | |
| G2308 | 446 | Terms Net Due Date | X | DT | 8/8 | Used |
| | | Description: Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year | | | | |
| G2309 | 386 | Terms Net Days | X | N0 | 1/3 | Used |
| | | Description: Number of days until total invoice amount is due (discount not applicable) | | | | |
| G2310 | 362 | Terms Discount Amount | O | N2 | 1/10 | Used |
| | | Description: Total amount of terms discount | | | | |
| G2311 | 391 | Discounted Amount Due | O | N2 | 1/10 | Used |
| | | Description: Amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount) | | | | |
| G2312 | 390 | Amount Subject to Terms Discount | O | N2 | 1/10 | Used |
| | | Description: Amount upon which the terms discount amount is calculated | | | | |
| G2313 | 343 | Installment Total Invoice Amount Due | O | N2 | 1/10 | Used |
| | | Description: Deferred or installment portion of the total invoice (including charges, less allowances) before terms discount (if discount is applicable) | | | | |
| G2314 | 342 | Percent of Invoice Payable | O | R | 1/5 | Used |
| | | Description: Amount of invoice payable expressed in percent | | | | |
| G2315 | 3 | Free-form Message | O | AN | 1/60 | Used |
| | | Description: Free-form text | | | | |
| | | Note 1: This data element should only be used when information cannot be expressed in machine readable/processable form and is important in the processing of a transaction. | | | | |
| G2316 | 713 | Installment Group Indicator | O | N0 | 2/2 | Used |
| | | Description: The installment group indicator is a 2-digit serial number beginning with 01 (i.e., 01, 02, 03 or 04); it is used to group "elective" terms types in an installment payment situation; the same indicator must be used for all segments in the same installment | | | | |

Syntax Rules:

1. R0809 - At least one of G2308 or G2309 is required.

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.

G84 Delivery/Return Record of Totals

| | |
|---------------------|-------------|
| Pos: 0300 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 7 |

User Option (Usage): Must use

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|--|--------------------|-------------|----------------|--------------|
| G8401 | 380 | Quantity | X | R | 1/15 | Used |
| | | Description: Numeric value of quantity | | | | |
| | | Note 1: G8401 is equal to the sum of all line item detail quantities for G8302. | | | | |
| G8402 | 361 | Total Invoice Amount | X | N2 | 1/10 | Used |
| | | Description: Amount of invoice (including charges, less allowances) before terms discount (if discount is applicable) | | | | |
| | | Note 1: This is the total delivery/return record amount, after all deposits, charges (positive), and all allowances (negative) have been applied. | | | | |
| G8403 | 865 | Total Deposit Dollar Amount | O | N2 | 1/6 | Used |
| | | Description: Sum of deposit amounts separately identified | | | | |
| G8404 | 640 | Transaction Type Code | O | ID | 2/2 | Used |
| | | Description: Code specifying the type of transaction | | | | |
| | | Code List Summary (Total Codes: 551, Included: 2) | | | | |
| | | Code | Name | | | |
| | | 30 | Delivery | | | |
| | | VJ | Commercial Invoice | | | |
| G8405 | 782 | Monetary Amount | O | R | 1/18 | Used |
| | | Description: Monetary amount | | | | |
| G8406 | 782 | Monetary Amount | O | R | 1/18 | Used |
| | | Description: Monetary amount | | | | |
| G8407 | 782 | Monetary Amount | O | R | 1/18 | Used |
| | | Description: Monetary amount | | | | |

Syntax Rules:

1. R0102 - At least one of G8401 or G8402 is required.

Semantics:

1. G8405 is the Total Invoice Allowances Amount - the sum of all allowances in the transaction.
2. G8406 is the Total Invoice Charges Amount - the sum of all charges in the transaction.
3. G8407 is the Total Invoice Taxes Amount - the sum of all taxes in the transaction.

G86 Signature Identification

| | |
|---------------------|-------------|
| Pos: 0400 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To transmit an electronic identity

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|---------------------|------------|-------------|----------------|--------------|
| G8601 | 867 | Signature | O | AN | 1/12 | Used |

Description: Electronic identity. Calculation algorithm obtained from the Uniform Code Council

Note 1: When used in Direct Store Delivery applications, this is the sender's electronic identity.

| | | | | | | |
|-------|----|------|---|----|------|------|
| G8602 | 93 | Name | O | AN | 1/60 | Used |
|-------|----|------|---|----|------|------|

Description: Free-form name

Semantics:

1. G8602 is a keyed representation of a signature.

G85 Record Integrity Check

| | |
|---------------------|-------------|
| Pos: 0500 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 1 |

User Option (Usage): Must use

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

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------|------------|-------------|----------------|--------------|
| G8501 | 866 | Integrity Check Value | M | AN | 1/12 | Must use |

Description: Data element providing secure method for identifying authenticity of content. Value calculated by using CRC 16 algorithm

SE Transaction Set Trailer

| | |
|---------------------|-------------|
| Pos: 0600 | Max: 1 |
| Summary - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

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)

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|-----------------------------|------------|-------------|----------------|--------------|
| 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

Note 1: When used in the SE segment, the count includes the total number of segments in the transaction including the 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

Note 1: The transaction set control number (SE02) is the same as that used in the corresponding header (ST02).

Comments:

- SE is the last segment of each transaction set.

DXE DEX/UCS Application Trailer

| | |
|-------------------------|-------------|
| Pos: 0700 | Max: 1 |
| Not Defined - Mandatory | |
| Loop: N/A | Elements: 2 |

User Option (Usage): Must use

Purpose: To specify the end of an application message.

Note 1:

The purpose of this control segment is to delineate the transactions and provide control information. It must appear as the last data segment in each DEX/UCS transmission.

Element Summary:

| <u>Ref</u> | <u>Id</u> | <u>Element Name</u> | <u>Req</u> | <u>Type</u> | <u>Min/Max</u> | <u>Usage</u> |
|------------|-----------|------------------------------------|------------|-------------|----------------|--------------|
| DXE01 | 404 | Transmission Control Number | M | N0 | 1/5 | Must use |

Description: A unique number assigned to the transmission group by the sender.

Note 1: *DXE01 must contain the same control number that was contained in DXS04 for this transmission.*

| | | | | | | |
|-------|----|--|---|----|-----|----------|
| DXE02 | 97 | Number of Transaction Sets Included | M | N0 | 1/6 | Must use |
|-------|----|--|---|----|-----|----------|

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.

Note 1: *Contains the total count of the transaction sets (irrespective of whether or not they were of the same kind) contained in this transmission envelope.*