# INTERLINE
### B R A N D S

# EDI Vendor

# Implementation Guidelines

## 810 Invoice

### Version: 004010

Last Update 10/01/2015

The Interline Brands EDI Implementation Guide for the 810 transaction documents only the segments and elements used by our EDI system. There are additional segments and elements valid for the 810 (version 4010). Segments and elements not listed in this documentation can be included but will not be processed by the standard RH EDI programs.

# 810 Invoice

Functional Group = **IN**

**Purpose:** This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

## Heading:

| Pos | ID | Segment Name | Req | Max Use | Loop Repeat | Notes |
|-----|-----|--------------|-----|---------|-------------|-------|
| 010 | ST | Transaction Set Header | M | 1 | | |
| 020 | BIG | Beginning Segment for Invoice | M | 1 | | |
| 040 | CUR | Currency | O | 1 | | |
| 050 | REF | Reference Identification | M | 1 | | |
| 060 | PER | Administrative Communication Contact | M | 1 | | |
| **LOOP ID - N1 - Ship-To Party** | | | | | 1 | |
| 070 | N1 | Name | M | 1 | | |
| 090 | N3 | Address Information | M | 1 | | |
| 100 | N4 | Geographical Information | M | 1 | | |
| 130 | ITD | Terms of Sale/Deferred Terms of Sale | M | 1 | | |
| 135 | ITD | Terms of Sale/Deferred Terms of Sale | M | 1 | | |
| 140 | DTM | Date/Time Reference | M | 1 | | |

## Detail:

| Pos | ID | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|--------------|-----|---------|--------|-------|
| **LOOP ID - IT1** | | | | | 200,000 | |
| 010 | IT1 | Baseline Item Data (Invoice) | O | 1 | | |
| **LOOP ID - PID** | | | | | 1 | |
| 060 | PID | Product/Item Description | M | 1 | | |
| 100 | PO4 | Item Physical Details | M | 1 | | |

## Summary:

| Pos | ID | Segment Name | Req | Max Use | Repeat | Notes |
|-----|-----|--------------|-----|---------|--------|-------|
| 010 | TDS | Total Monetary Value Summary | M | 1 | | |
| 020 | TXI | Tax Information | O | 1 | | |
| 030 | CAD | Carrier Detail | M | 1 | | |
| **LOOP ID - SAC** | | | | | 6 | |
| 040 | SAC | Service, Promotion Allowance, or Charge Information | O | 1 | | |
| **LOOP ID - ISS** | | | | | >1 | |
| 060 | ISS | Invoice Shipment Summary | M | 1 | | |
| 070 | CTT | Transaction Totals | M | 1 | | n1 |
| 080 | SE | Transaction Set Trailer | M | 1 | | |

**Notes:**

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

# ST Transaction Set Header

Pos:010      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

**NOTE:** 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).

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| ST01 | 143 | **Transaction Set Identifier Code** | M | ID | 3/3 |
| | | **Description:** Code uniquely identifying a Transaction Set (810 in this instance) | | | |
| ST02 | 329 | **Transaction Set Control Number** | M | AN | 4/9 |
| | | **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |

**ST Sample:**    ST*810*5148~

# BIG    Beginning Segment for Invoice

**User Option (Usage):**    Must use

**Purpose:**    To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

**Element Summary:**

| Ref | ID | Element Name | | Req | Type | Min/Max |
|------|-----|-------------|---|-----|------|---------|
| BIG01 | 373 | **Date** | | M | DT | 8/8 |
| | | **Description:** | Invoice Date expressed as CCYYMMDD | | | |

*Note:  IBI invoice date*

| | | | | | | |
|------|-----|-------------|---|-----|------|---------|
| BIG02 | 76 | **Invoice Number** | | M | AN | 1/22 |
| | | **Description:** | Identifying number assigned by issuer | | | |
| BIG03 | 373 | **Date** | | M | DT | 8/8 |
| | | **Description:** | Date expressed as CCYYMMDD | | | |
| BIG04 | 324 | **Purchase Order Number** | | M | AN | 1/10 |
| | | **Description:** | Identifying number for Purchase Order assigned by the orderer/purchaser | | | |

*Note: As provided in the PO 850 BEG03*

| | | | | | | |
|------|-----|-------------|---|-----|------|---------|
| BIG07 | 640 | **Transaction Type Code** | | M | AN | 1/10 |
| | | **Description:** | Code specifying the type of transaction | | | |

*Note:  Credit Invoice not supported - except via paper*

**BIG Sample:**    BIG*YYYYMMDD*INVOICENUM*YYYYMMDD*PONUM***DI~

# CUR     Currency

**User Option (Usage):**    Mandatory

**Purpose:**    To specify the currency (dollars, pounds, francs, etc.) used in a transaction

**Element Summary:**

| Ref | ID | Element Name | | Req | Type | Min/Max |
|------|-----|--------------|---|-----|------|---------|
| CUR01 | 98 | **Entity Identifier Code** | | M | ID | 2/3 |
| | | **Description:** | Code identifying an organizational entity, a physical location, property or an individual | | | |
| | | **Code** | **Name** | | | |
| | | SE | Selling Party | | | |
| CUR02 | 100 | **Currency Code** | | M | ID | 3/3 |
| | | **Description:** | Code (Standard ISO) for country in whose currency the charges are specified | | | |

**CUR Sample:**    CUR*SE*USD~

# REF     Reference Information

**User Option (Usage):**    Optional

**Purpose:**    To specify identifying information

**Element Summary:**

| Ref | ID | Element Name | | Req | Type | Min/Max |
|------|-----|--------------|---|-----|------|---------|
| REF01 | 128 | **Reference Identification Qualifier** | | M | ID | 2/3 |
| | | **Description:** | Code qualifying the Reference Identification This REF segment should be returned from original 850 | | | |
| | | **Code** | **Name** | | | |
| | | SU | Brand Information logo on Packing List & Label | | | |
| REF02 | 127 | **Reference Identification** | | X | AN | 1/57 |
| | | **Description:** | Brand information from original 850 | | | |

**REF Sample:**    REF*SU*CM123456~

# PER  Administrative Communication Contact

**User Option (Usage):**    Mandatory

**Purpose:**    To identify a person or office to whom administrative communications should be directed

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|-----|-----|-----|-----|-----|
| PER01 | 366 | **Contact Function Code** | M | ID | 2/2 |
| | | **Description:** Code identifying the major duty or responsibility of the person or group named | | | |

| Code | Name |
|-----|-----|
| AA | Authorized Representative |

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|-----|-----|-----|-----|-----|
| PER02 | 93 | **Name** | M | AN | 1/20 |
| | | **Description:** Free-form Buyers Name The Name of the person submitting the Invoice should be entered here. | | | |
| PER03 | 365 | **Communication Number Qualifier** | M | ID | 2/2 |
| | | **Description:** Code identifying the type of communication number | | | |

| Code | Name |
|-----|-----|
| TE | Telephone |
| | **Description:** Complete communications number including country or area code when applicable |

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|-----|-----|-----|-----|-----|
| PER04 | 364 | **Communication Number** | M | AN | 1/12 |

**PER Sample:**    PER*AA*MIKE TYSON*TE*904-123-4567~

## Loop Name - Ship To Party

| | | |
|---|---|---|
| **Pos:070** | | **Repeat: 1** |
| | **Heading - Mandatory** | |
| **Loop: N/A** | | **Elements:** NA |

**User Option (Usage):**   Used

**Purpose:**   To identify a party by type of organization, name, and code.

**Loop Summary:**

| Pos | ID | Segment Name | Req | Max Use | Repeat | Usage |
|---|---|---|---|---|---|---|
| 98 | N1 | Name | M | 1 | | Used |
| 66 | N3 | Address Information | M | 1 | | Used |
| 67 | N4 | Geographic Location | M | 1 | | Used |

# N1   Name - Ship-To Party

| | | |
|---|---|---|
| **Pos:070** | | **Max:1** |
| | **Heading - Mandatory** | |
| **Loop: N1** | | **Elements: 6** |

**User Option (Usage):**   Used

**Purpose:**   To identify a party by type of organization, name, and code.  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.

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 |
| | | **Description:**   Code identifying an organizational entity, a physical location, property or an individual | | | |

| Code | Name |
|---|---|
| ST | Ship To |

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| N102 | 93 | **Name** | M | AN | 1/15 |
| | | **Description:**   Free-form name "Interline Brands, Inc." (IBI) | | | |

| N103 | 66 | **Identification Code Qualifier** | M | ID | 1/2 |
|---|---|---|---|---|---|
| | | Description: Code designating the system/method of code structure used for Identification Code (67) | | | |

| | Code | Name |
|---|---|---|
| | 92 | Assigned by Buyer or Buyer's Agent |

| N104 | 67 | **Identification Code** | M | AN | 2/10 |
|---|---|---|---|---|---|
| | | Description: Code identifying a party or other code | | | |

*Note: Replenishment Orders: Vendor Reference # for IBI or Warehouse Code Drop-Ship and Cross-Dock Orders: IBI Customer # provided on the 850 REF 'II'*

**N1 Sample:**     N1*ST*INTERLINE BRANDS 021*92*225~

# N3     Address Information - Ship-To Party

Pos:090                                     Max:1

**Heading - Optional**

Loop: N1                              Elements: 2

**User Option (Usage):**     Used

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

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| N301 | 166 | **Address Information** Description: Free-form Address Information | M | ID | 1/30 |
| N302 | 166 | **Address Information** Description: Free-form Address Information | O | AN | 1/30 |

**N3 Sample:**     N3*50 TELEDYNE PL~

# N4     **Geographic Location - Ship-To Party**

Pos:100      Max:1
**Heading - Optional**
Loop: N1      Elements: 3

**User Option (Usage):**    Used

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

**Element Summary:**

| Ref | ID | Element Name | | Req | Type | Min/Max |
|------|-----|-------------|--|-----|------|---------|
| N401 | 19 | **City Name** | | M | AN | 2/30 |
| | | **Description:** | Code identifying an organizational entity, a physical location, property or an individual | | | |
| N402 | 156 | **State or Province Code** | | M | ID | 2/2 |
| | | **Description:** | Code (Standard State/Province) as defined by appropriate government agency | | | |
| N403 | 116 | **Postal Code** | | M | ID | 3/15 |
| | | **Description:** | Postal zone code/Zip Code excluding punctuation and blanks | | | |
| N404 | 26 | **County Code** | | O | ID | 2/3 |
| | | **Description:** | Code identifying the country | | | |

**N4 Sample:**     N4*LA VERGNE*TN*370863550~

# N1     Name - Vendor

**Pos:127**      **Max:1**
**Heading - Mandatory**
**Loop: N1**      **Elements: 6**

**User Option (Usage):**    Used

**Purpose:**    To identify a party by type of organization, name, and code
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.

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| N101 | 98 | **Entity Identifier Code** | M | ID | 2/3 |
| | | **Description:**   Code identifying an organizational entity, a physical location, property or an individual | | | |

| Code | Name |
|---|---|
| VN | Vendor |

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| N102 | 93 | **Name** | M | AN | 1/30 |
| | | **Description:**   Free-form name to support Vendor Name | | | |
| N103 | 66 | **Identification Code Qualifier** | M | ID | 1/2 |
| | | **Description:**   Code designating the system/method of code structure used for Identification Code (67) | | | |

| Code | Name |
|---|---|
| 92 | Assigned by Buyer or Buyer's Agent |

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| N104 | 67 | **Identification Code** | M | AN | 2/10 |
| | | **Description:**   Code identifying a party or other code | | | |

*Note: IBI's Vendor Number for the vendor should be entered here.*

**N1 Sample:**    N1*VN*KWIKSET*92*333332222-1111~

# ITD     Terms of Sale/Deferred Terms of Sale

| | |
|---|---|
| **Pos:130** | **Max:1** |
| **Heading - Mandatory** | |
| **Loop: N/A** | **Elements: 15** |

**User Option (Usage):**    Used

**Purpose:**    To specify terms of sale

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| ITD12 | 352 | **Description** | M | AN | 1/30 |
| | | **Description:** A free-form description to clarify the related data elements and their content.  The Terms Discount Description should be entered here. | | | |

**ITD Sample:**    ITD***********3% 45 days~

---

# ITD     Terms of Sale/Deferred Terms of Sale

| | |
|---|---|
| **Pos:135** | **Max:1** |
| **Heading - Mandatory** | |
| **Loop: N/A** | **Elements: 15** |

**User Option (Usage):**    Used

**Purpose:**    To specify terms of sale

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| ITD12 | 352 | **Description** | M | AN | 1/4 |
| | | **Description:** A free-form description to clarify the related data elements and their content. The 4-digit Terms Discount authorization code should be entered  here. | | | |

**ITD Sample:**    ITD***********1234~

# DTM     **Date/Time Reference**

**User Option (Usage):**    Used

**Purpose:**    To specify pertinent dates and times

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|------|-----|--------------|-----|------|---------|
| DTM01 | 374 | **Date/Time Qualifier** | M | ID | 3/3 |
| | | **Description:** Code specifying type of date or time, or both date and time | | | |

| Code | Name |
|------|------|
| 011 | Shipped |

| Ref | ID | Element Name | Req | Type | Min/Max |
|------|-----|--------------|-----|------|---------|
| DTM02 | 373 | **Date** | M | DT | 8/8 |
| | | **Description:** Date expressed as CCYYMMDD | | | |
| DTM03 | 337 | **Time** | X | TM | 4/8 |
| | | **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) | | | |
| DTM04 | 623 | **Time Code** | O | ID | 2/2 |
| | | **Description:** Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow | | | |

| Code | Name |
|------|------|
| ET | Eastern Time |

**DTM Sample:**    DTM*011*20150924*14059900~

## Loop Name - Baseline Item Data (Invoice)

| | | | | Repeat: |
|---|---|---|---|---|
| **Pos:010** | | | | **200,000** |
| | | **Detail - Mandatory** | | |
| **Loop:** | | | | **Elements:** |
| **IT1** | | | | **NA** |

**User Option (Usage):** Used

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

**Loop Summary:**

| Pos | ID | Segment Name | Req | Max Use | Repeat | Usage |
|---|---|---|---|---|---|---|
| 010 | IT1 | Baseline Item Data (Invoice) | M | 1 | | Used |
| 060 | | Loop PID | M | 1 | | Used |

# IT1     Baseline Item Data (Invoice)

| | |
|---|---|
| **Pos:010** | **Max:1** |
| **Detail - Mandatory** | |
| **Loop:** | **Elements: 25** |
| **IT1** | |

**User Option (Usage):** Used

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

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| IT101 | 350 | **Customer PO Line Number** | M | AN | 1/10 |
| | | **Description:** Alphanumeric characters assigned for differentiation within a transaction set | | | |
| IT102 | 358 | **Quantity Invoiced** | M | R | 1/6 |
| | | **Description:** Number of units invoiced (supplier units) | | | |
| *IBI Note:* | | *Quantity should be negative for a credit invoice.* | | | |
| IT103 | 355 | **Unit or Basis for Measurement** | M | ID | 2/2 |
| | | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **All valid standard codes are used.** | | | |
| IT104 | 212 | **Unit Price** | M | R | 1/8 |
| | | **Description:** Price per unit of product, service, commodity, etc. | | | |
| *IBI Note:* | | *Unit price should have a positive value for all invoice types.* | | | |
| IT106 | 235 | **Product/Service ID Qualifier** | M | ID | 2/2 |

|       |     | **Description:** | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |   |    |      |
|-------|-----|------------------|---------------------------------------------------------------------|---|----|------|
|       |     | **Code**         | **Name**                                                            |   |    |      |
|       |     | VN               | Vendor's (Seller's) Item Number                                     |   |    |      |
| IT107 | 234 | **Product/Service ID** |                                                               | M | AN | 1/30 |
|       |     | **Description:** | Identifying number for a product or service                         |   |    |      |

*NOTE: The Vendor's Item Number should be sent here.*

|       |     | **Description:** | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |   |    |      |
|-------|-----|------------------|---------------------------------------------------------------------|---|----|------|
| IT108 | 235 | **Product/Service ID Qualifier** |                                                     | X | ID | 2/2  |
|       |     | **Code**         | **Name**                                                            |   |    |      |
|       |     | BP               | Buyer's Part Number                                                 |   |    |      |
| IT109 | 234 | **Product/Service ID** |                                                               | M | AN | 1/12 |
|       |     | **Description:** | Code identifying the type of unit price for an item<br>**All valid standard codes are used.** |   |    |      |

*NOTE: IBI's Item Number should be entered here.*

|       |     |                  |                                                                     |   |    |      |
|-------|-----|------------------|---------------------------------------------------------------------|---|----|------|
| IT110 | 235 | **Product/Service ID Qualifier** |                                                     | X | ID | 2/2  |
|       |     | **Description:** | Code identifying the type/source of the descriptive number used in Product/Service ID (234) |   |    |      |
|       |     | **Code**         | **Name**                                                            |   |    |      |
|       |     | UP               | UPC Consumer Package Code (1-5-5-1)                                 |   |    |      |
| IT111 | 234 | **Product/Service ID** |                                                               | X | AN | 1/14 |
|       |     | **Description:** | Identifying number for a product or service                         |   |    |      |

*NOTE: If provided in the purchase order, the UPC code should be sent here.*

**IT1 Sample:**  
IT1*1*2*EA*5.25*UM*VN*123456*******UP*112345123451~  
IT1*000010*45*EA*0*PE*VN*56796*BP*154665~

## Loop Name - Product/Item Description

| | | |
|---|---|---|
| **Pos:060** | | **Repeat: 1** |
| | **Optional** | |
| **Loop: PID** | | **Elements: NA** |

**User Option (Usage):**     Used

**Purpose:**                          To describe a product or process in coded or free-form format

**Loop Summary:**

| Pos | ID | Segment Name | Req | Max Use | Repeat | Usage |
|---|---|---|---|---|---|---|
| 060 | PID | Product/Item Description | M | 1 | | Used |
| 100 | PO4 | Item Physical Details | M | 1 | | Used |

# PID             Product/Item Description

| | | |
|---|---|---|
| **Pos:060** | | **Max:1** |
| | **Detail - Mandatory** | |
| **Loop: PID** | | **Elements: 5** |

**User Option (Usage):**     Used

**Purpose:**     To describe a product or process in coded or free-form format

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| PID01 | 349 | **Item Description Type** | M | ID | 1/1 |
| | | **Description:** Code indicating the format of a description | | | |

| | Code | Name |
|---|---|---|
| | F | Free Form Description |

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| PID05 | 352 | **Description** | M | AN | 1/40 |
| | | **Description:** A free-form description to clarify the related data elements and their content | | | |

*NOTE: The Item Description sent in the 850 should be entered here.*

**PID Sample:**     PID*F****ITEM DESCRIPTION~

# PO4    Item Physical Details

**User Option (Usage):**    Used

**Purpose:**    To specify the physical qualities, packaging, weights, and dimensions relating to the item

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| PO401 | 356 | **Pack** | M | N0 | 1/6 |
| | | **Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container | | | |
| PO406 | 384 | **Gross Weight per Pack** | M | R | 1/9 |
| | | **Description:** Numeric value of gross weight per pack | | | |
| PO407 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |
| | | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |

| Code | Name |
|------|------|
| LB | Pound |

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| PO408 | 385 | **Gross Volume per Pack** | M | R | 1/9 |
| | | **Description:** Numeric value of gross volume per pack | | | |

*NOTE: The number of items per inner container in a pack should be entered here.  If there are no inner containers, the PO408 and PO409 should be omitted.*

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| PO409 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |
| | | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |

| Code | Name |
|------|------|
| EA | Each |

**PO4 Sample:**    PO4*1*****23*LB~

# TDS     Total Monetary Value Summary

**User Option (Usage):**     Used

**Purpose:**     To specify the total invoice discounts and amounts

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|-----|-------------|-----|------|---------|
| TDS01 | 610 | **Amount** | M | N2 | 1/15 |
| | | **Description:**     Monetary Amount | | | |

*Note:* *Total Invoice Amount, including Taxes (TXI segment) and Charges (SAC segments) should be entered here.*

**TDS Sample:**     TDS*275.00~

# TXI  Tax Information

**User Option (Usage):**   Used

**Purpose:**   To specify tax information

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| TXI01 | 963 | **Tax Type Indicator** <br> **Description:** Code specifying the type of tax <br> **All valid Standard Codes are used.** | M | ID | 2/2 |

| Code | Name |
|------|------|
| LS | State and Local Sales Tax |

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| TXI02 | 782 | **Monetary Amount** <br> **Description:** Amount | X | R | 1/15 |
| TXI03 | 954 | **Percent** <br> **Description:** Percentage expressed as a decimal | X | R | 1/10 |
| TXI04 | 955 | **Tax Jurisdiction Code Qualifier** <br> **Description:** Code identifying the source of the data used in tax jurisdiction code | M | ID | 2/2 |

| Code | Name |
|------|------|
| VD | Vendor Defined |

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|----|--------------|-----|------|---------|
| TXI05 | 956 | **Tax Jurisdiction Code** <br> **Description:** Code identifying the taxing jurisdiction | M | AN | 1/10 |
| TXI06 | 441 | **Tax Exempt Code** <br> **Description:** Code identifying exemption status from sales and use tax | M | ID | 1/1 |

| Code | Name |
|------|------|
| 1 | Yes (Tax Exempt) |
| 2 | No (Not Tax Exempt) |

**TXI Sample:**   TXI*LS*275**VD*241*2~

# CAD    Carrier Detail

**User Option (Usage):**    Used

**Purpose:**    To specify transportation details for the transaction

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| CAD01 | 91 | **Transportation Method/Type Code** | M | ID | 1/2 |
| | | **Description:** Code specifying the method or type of transportation for the shipment | | | |

| Code | Name |
|---|---|
| A | Air |
| M | Motor (Common Carrier) |
| R | Rail |
| S | Ocean |
| U | Private Parcel Service |

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| CAD05 | 387 | **Routing** | M | AN | 1/35 |
| | | **Description:** Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | | | |
| CAD07 | 128 | **Reference Identification Qualifier** | M | ID | 2/3 |
| | | **Description:** Code qualifying the Reference Identification | | | |

| Code | Name |
|---|---|
| BM | Bill of Lading Number |

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| CAD08 | 127 | **Reference Identification** | M | AN | 1/30 |
| | | **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The Bill of Lading Number should be entered here. | | | |

**CAD Sample:**    CAD*U****UNITED PARCEL SERVICE**BM*15527678625P~

## Loop Name - Service, Promotion, Allowance, or Charge Info

| | |
|---|---|
| **Pos:040** | **Repeat: 25** |
| **Summary - Optional** | |
| **Loop: SAC** | **Elements: NA** |

| | | |
|---|---|---|
| **User Option (Usage):** | Used | |
| **Purpose:** | To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge | |

**Loop Summary:**

| Pos | ID | Segment Name | Req | Max Use | Repeat | Usage |
|-----|-----|--------------|-----|---------|--------|-------|
| 040 | SAC | Service, Promotion, Allowance, or Charge Information | O | 1 | | Used |

## SAC — Service, Promotion, Allowance, or Charge

| | |
|---|---|
| **Pos:040** | **Max:1** |
| **Summary - Optional** | |
| **Loop: SAC** | **Elements: 16** |

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|-----|--------------|-----|------|---------|
| SAC01 | 248 | **Allowance or Charge Indicator** <br> **Description:** Code which indicates an allowance or charge for the service specified | M | ID | 1/1 |

| Code | Name |
|------|------|
| A | Allowance |
| C | Charge |

| Ref | ID | Element Name | Req | Type | Min/Max |
|-----|-----|--------------|-----|------|---------|
| SAC02 | 1300 | **Service, Promotion, Allowance, or Charge Code** <br> **Description:** Code identifying the service, promotion, allowance, or charge <br> **All valid standard codes are used.** | M | ID | 4/4 |

| Code | Name |
|------|------|
| A260 | Advertising Allowance |
| C310 | Discount |
| D240 | Freight |
| F910 | Quantity Discount |
| F970 | Rebate |
| I530 | Volume Discount |

| | | | | | | |
|---|---|---|---|---|---|---|
| SAC05 | 610 | **Amount** | | O | N2 | 1/15 |
| | | Description: | Monetary Amount | | | |
| SAC06 | 378 | **Allowance/Charge Percent Qualifier** | | X | ID | 1/1 |
| | | Description: | Code indicating on what basis allowance or charge percent is calculated | | | |

| Code | Name |
|---|---|
| 2 | Discount/Gross |
| Z | Mutually Defined |

| | | | | | | |
|---|---|---|---|---|---|---|
| SAC07 | 332 | **Percent** | | X | R | 1/6 |
| | | Description: | Percent expressed as a percent | | | |
| SAC08 | 118 | **Rate** | | O | R | 1/9 |
| | | Description: | Rate expressed in the standard monetary denomination for the currency specified | | | |
| SAC12 | 331 | **Allowance or Charge Method of Handling Code** | | O | ID | 2/2 |
| | | Description: | Code indicating method of handling for an allowance or charge | | | |

| Code | Name |
|---|---|
| 02 | Off Invoice |
| 05 | Charge to be Paid by Vendor |
| 06 | Charge to be Paid by Customer |

**SAC Sample:**   SAC*C*D240***2850*******06~

# ISS Invoice Shipment Summary

**User Option (Usage):** Used

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

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|------|-----|-------------|-----|------|---------|
| ISS01 | 382 | **Number of Units Shipped** | M | R | 1/10 |
| | | **Description:** Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set | | | |
| ISS02 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |
| | | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |

| Code | Name |
|------|------|
| EA | Each |

| Ref | ID | Element Name | Req | Type | Min/Max |
|------|-----|-------------|-----|------|---------|
| ISS03 | 81 | **Weight** | M | R | 1/10 |
| | | **Description:** Numeric value of weight | | | |
| ISS04 | 355 | **Unit or Basis for Measurement Code** | M | ID | 2/2 |
| | | **Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | |

| Code | Name |
|------|------|
| LB | Pound |

**ISS Sample:** ISS*1*EA*23*LB~

# CTT — Transaction Totals

| | | | Pos:070 | Max:1 |
|---|---|---|---|---|
| | | | **Summary - Mandatory** | |
| | | | Loop: NA | Elements: 1 |

**User Option (Usage):** Used

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

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| CTT01 | 354 | **Number of Line Items** | M | N0 | 1/6 |
| | | Description: Total number of line items in the transaction set | | | |

**CTT Sample:** CTT*1~

# SE — Transaction Set Trailer

| | | | Pos:010 | Max:1 |
|---|---|---|---|---|
| | | | **Heading - Mandatory** | |
| | | | Loop: N/A | Elements: 2 |

**User Option (Usage):** Used

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

**Element Summary:**

| Ref | ID | Element Name | Req | Type | Min/Max |
|---|---|---|---|---|---|
| SE01 | 96 | **Number of Included Segments** | M | ID | 1/3 |
| | | Description: Total number of segments included in a transaction set including ST and SE segments. | | | |
| SE02 | 329 | **Transaction Set Control Number** | X | AN | 1/50 |
| | | Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | |

**SE Sample:** SE*22*0346~

## Transaction Sample

ST*810*0346~
BIG*20150901*5568827947*20150728*1603760566 1 ***CR~
CUR*SE*USD~
N1*BY*INTERLINE BRANDS INC*9*DS~
N1*BT*INTERLINE BRANDS INC~
N3*801 W BAY ST~
N4*JACKSONVILLE*FL*322041605~
N1*ST*INTERLINE BRANDS INC~
N3*801 W BAY ST~
N4*JACKSONVILLE*FL*322041605~
N1*RE*SIEMENS INDUSTRY, INC.~
N3*PO BOX: 371-034~
N4*PITTSBURGH*PA*15251~
ITD*03*3*2.000*20151031*60*20151101*61*1190****2% 60 Days Net 61*1~
DTM*011*20150901~
DTM*008*20150728~
IT1*10*1*EA*595.13*PE*VP*TYZ:MKTG_EXP~
PID*F****MARKETING EXPENSE~
PO4*1*****23*LB~
TDS*59513~
TXI*LS*275**VD*241*2~
CAD*U****UNITED PARCEL SERVICE**BM*15527678625P~
SAC*C*D240***2850******06~
CTT*1*1~
ISS*1*EA*23*LB~
SE*22*0346~