810 Invoice   Version - 4010

This standard 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.

Segment Summary:

Header:

POS	Tag	Segment Name	Status	Repetition	Usage
010	ST	Transaction Set Header	M	1	Must Use
020	BIG	Beginning Segment for Invoice	M	1	Must Use
040	CUR	Currency	M	1	Must Use
050	REF	Reference Identification	M	4	Must Use
		Loop ID –N1			
060	N1	Name	M	4	Must Use
140	DTM	Date Time Reference	M	1	Must Use

Detail:

POS	Tag	Segment Name	Status	Repetition	Usage
		Loop ID –IT1		2000	
010	IT1	Baseline Item Data (Invoice)	M	1	Must Use

Summary:

POS	Tag	Segment Name	Status	Repetition	Usage
010	TDS	Total Monetary Value Summary	M	1	Must Use
		Loop ID – SAC		25	
040	SAC	Service, Promotion, Allowance, or Charge Information	O	1	Used
070	CTT	Transaction Totals	M	1	Must Use
080	SE	Transaction Set Trailer	M	1	Must Use

Header:

Segment: **ST**   **Transaction Set Header**

Purpose: To indicate the start of a transaction set and to assign a control
              number
Position: 010
Loop: N/A
Usage: Heading - Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name				
ST01	**143**	**Transaction Set Identifier Code**	**M**	**ID**	**3/3**	**Must Use**

                Description: Code uniquely identifying a Transaction Set
User Note : Only accepted code is "810"

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.

Segment: **BIG** **Beginning Segment for Invoice**

Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Position: 020
Loop N/A
Usage: Heading - Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BIG01	**373**	**Date**	**M**	**DT**	**8/8**	**Must Use**

Description: Date expressed as CCYYMMDD.
This is the invoice issue date.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BIG02	**76**	**Invoice Number**	**M**	**AN**	**1/10**	**Must Use**

Description: Identifying number assigned by issuer.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
BIG04	**324**	**Purchase Order Number**	**O**	**AN**	**1/22**	**Used**

Description: Identifying number for Purchase Order
assigned by the order/purchaser.

Segment: CUR   Currency

Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a
                      transaction
Position: 040
Loop: N/A
Usage: Heading – Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CUR01	**98**	**Entity Identifier Code**	**M**	**ID**	**2/3**	**Must Use**

Description: Code identifying an organizational entity, a
physical location, property or an individual.

BY   Buying Party (Purchaser)

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CUR02	**100**	**Currency Code**	**M**	**ID**	**3/3**	**Must Use**

Description: Code (Standard ISO) for country in whose currency
the charges are specified.
"USD" – for U.S. Dollars
"CAD" – for Canadian Dollars

Segment: REF   Reference Identification

Purpose: To specify identifying information
Position: 050
Loop: N/A
Usage: Heading – Mandatory
Max Use: 4

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
REF01	**128**	**Reference Identification Qualifier**	**M**	**ID**	**1/3**	**Must Use**
		Description: Code qualifying the Reference Identification.				
		SI Shipper's Identifying Number for Shipment (SID) A unique number assigned by the shipper to identify the shipment (Vendor Delivery Number/ASN Number)				
REF02	**127**	**Reference Identification**	**M**	**AN**	**1/30**	**Must Use**
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier.				

Segment: N1   Name

Purpose: To identify a party by type of organization, name, and code
Position: 070
Loop: N1
Usage: Heading – Mandatory
Max Use: 4

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
N101	**98**	**Entity Identifier Code**	**M**	**ID**	**2/2**	**Must Use**

Description: Code identifying an organizational entity, a physical location, property, or an individual

Code Name
SU   Supplier/Vendor
ST   Ship To

N103	**66**	**Identification Code Qualifier**	**C**	**ID**	**1/2**	**Used**

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 Qualifier**	C	AN	**2/80**	**Used**

Description: Code identifying a party or other code

Segment: **DTM**   **Date/Time Reference**

Purpose: To specify pertinent dates and times
Position: 140
Loop: N/A
Usage: Heading Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM01	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**	**Must Use**

          Description: Code Specifying type of date or time, or both date and time.

          Code   **Name**
          011   Shipped

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
DTM02	**373**	**Identification Code Qualifier**	**C**	**ID**	**8/8**	**Used**

          Description: Code designating the system/method of code structure used for Identification Code (67).
Date expressed as CCYYMMDD

Detail:

Segment: IT1   **Baseline Item Data (Invoice)**

Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions.
Position: 010
Loop: IT1
Usage: Detail – Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
IT101	350	**Assigned Identification**	O	AN	1/6	**Used**
		Description: Alphanumeric characters assigned for differentiation within a transaction set.				
IT102	358	**Quantity Invoiced**	M	R	1/10	**Must Use**
		Description: Number of units invoiced (supplier units)				
IT103	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. **User Note: Must match the Unit of Measurement Code referenced from 830.**				
IT104	212	**Unit Price**	M	R	1/14	**Must Use**
		Description: Price per unit of product, service, commodity, etc.				
IT106	235	**Product/Service ID Qualifier**	M	ID	2/2	**Must Use**
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). **BP Buyer's Part Number**				
IT107	234	**Product/Service ID**	M	AN	1/30	**Must Use**
		Description: Identifying number for product or service				
IT108	235	**Product/Service ID Qualifier**	M	AN	2/2	**Must Use**
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234). **PO Purchase Order Number**				
IT109	234	**Product/Service ID**	M	AN	1/30	**Must Use**
		Description: Identifying number for product or service **Purchase Order Number** **User Note: Must match the PO Number Referenced in 830**				

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IT110	**235**	**Product/Service ID Qualifier**	**M**	**AN**	**2/2**	**Mut Use**

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

PL   **Purchase Order Line Number**

IT111	**234**	**Product/Service ID**	**M**	**AN**	**1/30**	**Must Use**

Identifying number for a product or service

User Note: Send the PO Line Number Referenced in 830

Summary:

Segment: TDS   Total Monetary Value Summary

Purpose: To specify the total invoice discounts and amounts.
Position: 010
Loop: N/A
Usage: Summary – Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
TDS01	**610**	**Amount**	**M**	**N2**	**1/15**	**Must Use**

Description: Monetary amount.

Total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable). This total must be rounded down or up to the nearest cent.
Invoice total amount is $305.02 then send like 30502

Segment: SAC   **Service, Promotion, Allowance, or Charge Information**

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

Position: 40
Loop: SAC
Usage: Summary – Optional
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
SAC01	**248**	**Allowance or Charge Indicator**	**M**	**ID**	**1/1**	**Must Use**

Description: Code which indicates an allowance or charge for the service specified.
All valid standard codes are used.

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
SAC02	**1300**	Service, Promotion, Allowance, or Charge Code	**C**	**ID**	**4/4**	**Used**

Description: Code identifying the service, promotion, allowance, or charge.

*Special   Instructions   The only accepted codes are:
"D240" – for Freight
"G760" – for Setup
"E620" – for Metal Surcharge
"G470" – for Restocking
"H740" – for Sales and Use Taxes
"H800" – VAT tax
"C090" – Deposit Charge
"D500" – Handling
"F155" – Packaging
"D980" – Insurance
"C310" – Discount
"B820" – Currency Adjustment
"D015" – Dunnage
"F050" – Other

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
SAC05	**610**	**Amount**	**O**	**N2**	**1/15**	**Used**

Description: Monetary amount

Segment: CTT   Transaction Totals

Purpose: To transmit a hash total for a specific element in the transaction set.
Position: 070
Loop: N/A
Usage: Summary – Mandatory
Max Use: 1

Element Summary:

Ref	Tag	Element Name	Status	Type	Min/Max	Usage
CTT01	**354**	**Number of Line Items**	**M**	**N0**	**1/6**	**Must Use**
		Description: Total number of line items in the transaction set.				

Segment: SE   Transaction Set Trailer

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)
Position: 080
Loop: N/A
Usage: Summary – Mandatory
Max Use: 1

Element Summary:

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

INVOICE EXAMPLE 1 – One Line Item

ST*810*000010006~
BIG*22231017*1211899**~
CUR*BY*USD~
REF*SI*ST1568145~
N1*SU**92*22557AX~
N1*ST**92*981~
DTM*011*20231004~
IT1*001*1000*EA*.30**BP*1234579*PO*5510072717*PL*00070~
TDS*30502~
SAC*C*D240***502~
CTT*1~
SE*12*000010006~

INVOICE EXAMPLE 2 – Multiple Line Items

ST*810*000010005~
BIG*22231017*1211890**~
CUR*BY*USD~
REF*SI*AB1568145~
N1*SU**92*22557AX~
N1*ST**92*981~
DTM*011*20231004~
IT1*001*1000*EA*.30**BP*1234567*PO*5510022717*PL*00010~
IT1*002*1000*EA*.30**BP*7234567*PO*5510022717*PL*00020~
IT1*003*1000*EA*.30**BP*9234567*PO*5510022919*PL*00030~
TDS*90502~
SAC*C*D240***502~
CTT*1~
SE*14*000010005~