



# EDI Specifications

## 810 Invoice

06/2014

## 810 Invoice

FUNCTIONAL GROUP = IN

SEG.ID	NAME	REQ.	MAX USE	LOOP RPT
ST	Transaction Set Header	M	1	
BIG	Beginning Segment for Invoice	M	1	
CUR	Currency	O	1	
REF	Reference Identification	M	12	
LOOP ID - N1				200
N1	Name	M	1	
N3	Address Information	O	2	
N4	Geographic Location	O	1	
ITD	Terms of Sale / Deferred Terms of Sale	M	1	
DTM	Date / Time Reference	O	10	
LOOP ID - IT1				200000
IT1	Baseline Item Data (Invoice)	M	1	
PID	Product / Item Description	O	1000	
SAC	Service, Promotion, Allowance or Charge Information	M	1	
TDS	Total Monetary Value Summary	M	1	
LOOP ID - SAC				25
SAC	Service, Promotion, Allowance or Charge Information	O	1	
CTT	Transaction Totals	M	1	
SE	Transaction Set Trailer	M	1	

## ST Transaction Set Header

To indicate the start of a Transaction Set and to assign a control number

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>
<b>ST01</b>	<b>143</b>	<b>Transaction Set Header</b> Code uniquely identifying a Transaction Set	<b>M/Z ID 3/3</b>
<b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the Transaction Set functional group assigned by the originator for a Transaction Set	<b>M AN 4/9</b>

NOTES:

01	The Transaction Set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate Transaction Set definition (e.g., 810 selects the Invoice Transaction Set).
----	--

## BIG Beginning Segment for Invoice

To indicate the beginning of an invoice Transaction Set and transmit identifying numbers and dates

REF	ELEMENT ID	NAME	ATTRIBUTES		
BIG01	373	<b>Date</b> Invoice Date - Date expressed as CCYMMDD	M	DT	8/8
BIG02	76	<b>Invoice Number</b>	M	AN	1/22
BIG03	373	<b>Date</b> Purchase Order Date - Date expressed as CCYMMDD	O	DT	8/8
BIG04	324	<b>Purchase Order Number</b> <i>White Cap Purchase Order Number</i>	M	AN	1/22
BIG05	328	<b>Release Number</b> Number identifying a release against a Purchase Order previously placed	O	AN	1/30

## CUR Currency

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

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>		
<b>CUR01</b>	<b>98</b>	<b>Entity Identifier Code</b> <i>SE - Selling Party</i>	<b>M</b>	<b>ID</b>	<b>2/3</b>
<b>CUR02</b>	<b>100</b>	<b>Currency Code</b> <i>USD - U. S. Dollars</i>	<b>M</b>	<b>ID</b>	<b>3/3</b>

## REF Reference Information

To specify identifying information

REF	ELEMENT ID	NAME	ATTRIBUTES		
REF01	128	Reference Identification Qualifier <i>IA - Internal Vendor Number</i>	M	ID	2/3
REF02	128	Reference Identification <i>White Cap assigned Vendor Number</i>	M	AN	1/30

## N1 Name

To identify a party by type of organization, name and code

REF	ELEMENT ID	NAME	ATTRIBUTES		
N101	98	<b>Entity Identifier Code</b> <i>OB - Ordered By</i> <i>RI - Remit To</i>	M	ID	2/3
N102	93	<b>Name</b> <i>OB - White Cap Location Name</i> <i>RI - Remit To Vendor Name</i>	X	AN	1/60
N103	66	<b>Identification Code Qualifier</b> <i>92 - Assigned by Buyer or Buyer's Agent</i>	X	ID	1/2
N104	67	<b>Identification Code</b> <i>OB - White Cap Location Code</i>	X	AN	2/80

NOTES:

01	The use of N1*OB is mandatory. This must include the N103 and N104 (White Cap Location number).
01	The use of N1*RI is mandatory.
02	At least one of the N102 or N103 is required.
03	If either N103 or N104 is present, then the other is required.

---

## N3 Address Information

To specify the location of the named party

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>		
<b>N301</b>	<b>166</b>	<b>Address Information</b>	<b>M</b>	<b>AN</b>	<b>1/55</b>
<b>N301</b>	<b>166</b>	<b>Address Information</b>	<b>O</b>	<b>AN</b>	<b>1/55</b>



## N4 Geographic Location

To specify the geographic place of the named party

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>		
N401	19	City Name	O	AN	2/30
N402	156	State or Province Code	O	ID	2/2
N403	116	Postal Code	O	ID	3/15

## ITD Terms of Sale / Deferred Terms of Sale

To specify terms of sale

REF	ELEMENT ID	NAME	ATTRIBUTES		
ITD01	336	<b>Terms Type Code</b> Code identifying type of payment terms <i>01 - Basic</i>	O	ID	2/2
ITD02	333	<b>Terms Basis Date Code</b> Code identifying the beginning of the terms period <i>3 - Invoice Date</i>	O	ID	1/2
ITD03	338	<b>Terms Discount Percent</b> Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O	R	1/6
ITD04	370	<b>Terms Discount Due Date</b> Date payment is due if discount is to be earned, expressed in format CCYYMMDD	X	DT	8/8
ITD05	351	<b>Terms Discount Days Due</b> Number of days in the terms discount period by which payment is due if terms discount is earned	O	N0	1/3
ITD06	446	<b>Terms Net Due Date</b> Date when total invoice amount becomes due, expressed in format CCYYMMDD	O	DT	8/8
ITD07	386	<b>Terms Net Days</b> Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3
ITD08	362	<b>Terms Discount Amount</b> Total amount of Terms Discount	O	N2	1/10

NOTES:

03	If ITD03 is present, then at least one of ITD04 or ITD05 is required
08	If ITD08 is present, then at least one of ITD04 or ITD05 is required

## DTM Date / Time Reference

To specify pertinent dates and times

REF	ELEMENT ID	NAME	ATTRIBUTES		
DTM01	374	<b>Date / Time Qualifier</b> Code specifying type of date <i>011 - Shipped</i>	M	ID	3/3
DTM02	373	<b>Date</b> Date expressed as CCYYMMDD	M	DT	8/8

## IT1 Baseline Item Data (Invoice)

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

REF	ELEMENT ID	NAME	ATTRIBUTES		
IT101	350	<b>Assigned Identification</b> <i>White Cap Line Number sent on the Purchase Order</i>	M	AN	1/20
IT102	358	<b>Quantity Invoiced</b> Number of units invoiced	M	R	1/10
IT103	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed	M	ID	2/2
IT104	212	<b>Unit Price</b> Price per unit of product, service, commodity, etc.	M	R	1/17
IT106	235	<b>Product / Service ID Qualifier</b> Code identifying the type / source of the descriptive number used in the Product / Service ID (234) <i>IN - Buyer's Item Number</i>	M	ID	2/2
IT107	234	<b>Product / Service ID</b> Identifying number for a product or service <i>White Cap Item Number sent on the Purchase Order</i>	M	AN	1/48
IT108	235	<b>Product / Service ID Qualifier</b> Code identifying the type / source of the descriptive number used in the Product / Service ID (234) <i>VN - Vendor's Item Number</i>	O	ID	2/2
IT109	234	<b>Product / Service ID</b> Identifying number for a product or service <i>Vendor's Item Number</i>	O	AN	1/48
IT110	235	<b>Product / Service ID Qualifier</b> Code identifying the type / source of the descriptive number used in the Product / Service ID (234) <i>UP - UPC Number</i>	O	ID	2/2
IT111	234	<b>Product / Service ID</b> Identifying number for a product or service <i>UPC Number</i>	O	AN	1/48

## PID Product / Item Description

To specify identifying information

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>		
<b>PID01</b>	<b>349</b>	<b>Item Description Type</b> Code indicating the format of a description <i>F - Free-Form</i>	<b>M</b>	<b>ID</b>	<b>1/1</b>
<b>PID05</b>	<b>352</b>	<b>Description</b> Description of Item Number send in the IT1 segment	<b>M</b>	<b>AN</b>	<b>1/80</b>

## SAC Service, Promotion, Allowance or Charge Information

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

REF	ELEMENT ID	NAME	ATTRIBUTES		
SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service, promotion, allowance or charge specified <i>C - Charge</i>	M	ID	1/1
SAC02	1300	<b>Service, Promotion, Allowance or Charge Code</b> Code identifying the service, promotion, allowance or charge <i>A610 - Billed Demand</i>	M	ID	4/4
SAC05	610	<b>Amount</b> Monetary amount <i>Extended Line Item Amount</i>	M	N2	1/15

NOTES:

05	SAC05 is the total amount for the service, promotion, allowance or charge
05	SAC05 A610 will be used to house the extended line item total for each line

## TDS Total Monetary Value Summary

To specify the total invoice discounts and amounts

REF	ELEMENT ID	NAME	ATTRIBUTES		
TDS01	610	<b>Amount</b>	M	N2	1/15
		Monetary amount			
		<i>Total Invoice Amount</i>			

NOTES:

01	TDS01 is the total amount of the invoice (including charges, less allowances) before terms discount (if applicable) is applied
----	--

## SAC Service, Promotion, Allowance or Charge Information

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

REF	ELEMENT ID	NAME	ATTRIBUTES		
SAC01	248	<b>Allowance or Charge Indicator</b> Code which indicates an allowance or charge for the service, promotion, allowance or charge specified <i>A – Allowance</i> <i>C - Charge</i>	M	ID	1/1
SAC02	1300	<b>Service, Promotion, Allowance or Charge Code</b> Code identifying the service, promotion, allowance or charge	M	ID	4/4
SAC05	610	<b>Amount</b> Monetary amount <i>Allowance or Charge Amount</i>	M	N2	1/15

NOTES:

05	SAC05 is the total amount for the service, promotion, allowance or charge
----	---



## CTT Transaction Totals

To transmit a hash total for a specific element in the Transaction Set

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>		
<b>CTT01</b>	<b>354</b>	<b>Number of Line Items</b> Total number of line items (IT1 segments) in the Transaction Set	<b>M</b>	<b>NO</b>	<b>1/6</b>
<b>CTT02</b>	<b>347</b>	<b>Hash Total</b> Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points or signs.	<b>O</b>	<b>R</b>	<b>1/10</b>

NOTES:

02	Sum of the IT102 elements
----	---------------------------

## SE Transaction Set Trailer

To indicate the end of the Transaction Set and provide the count of the transmitted segments (including the beginning [ST] and the ending [SE] segments)

<i>REF</i>	<i>ELEMENT ID</i>	<i>NAME</i>	<i>ATTRIBUTES</i>		
<b>SE01</b>	<b>96</b>	<b>Number of Included Segments</b> Total number of segments included in a Transaction Set including the ST and SE segments	<b>M</b>	<b>NO</b>	<b>1/10</b>
<b>SE02</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the Transaction Set functional group assigned by the originator for a Transaction Set	<b>M</b>	<b>AN</b>	<b>4/9</b>