



WHITE CAP[®]

EDI Specifications 810 Invoice

Version 1.1 - 4/19/2025 - Added Tariff codes to detail SAC segment

- Mohsin Menon

Version 1.2 - 10/10/2025 - Made N1-OB-03 and N1-OB-04 fields not mandatory

- Mohsin Menon

Added freight codes to SAC segment

05/2025



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

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

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).
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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	Date Invoice Date - Date expressed as CCYMMDD	M	DT	8/8
BIG02	76	Invoice Number	M	AN	1/22
BIG03	373	Date Purchase Order Date - Date expressed as CCYMMDD	O	DT	8/8
BIG04	324	Purchase Order Number <i>White Cap Purchase Order Number</i>	M	AN	1/22
BIG05	328	Release Number 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

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



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

NOTES:

01	The use of N1*OB is mandatory.
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>		
N301	166	Address Information	M	AN	1/55
N301	166	Address Information	O	AN	1/55

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	Terms Type Code Code identifying type of payment terms <i>01 - Basic</i>	O	ID	2/2
ITD02	333	Terms Basis Date Code Code identifying the beginning of the terms period <i>3 - Invoice Date</i>	O	ID	1/2
ITD03	338	Terms Discount Percent 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	Terms Discount Due Date Date payment is due if discount is to be earned, expressed in format CCYMMDD	X	DT	8/8
ITD05	351	Terms Discount Days Due Number of days in the terms discount period by which payment is due if terms discount is earned	O	N0	1/3
ITD06	446	Terms Net Due Date Date when total invoice amount becomes due, expressed in format CCYMMDD	O	DT	8/8
ITD07	386	Terms Net Days Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3
ITD08	362	Terms Discount Amount 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	Date / Time Qualifier Code specifying type of date <i>011 - Shipped</i>	M	ID	3/3
DTM02	373	Date 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	Assigned Identification <i>White Cap Line Number sent on the Purchase Order</i>	M	AN	1/20
IT102	358	Quantity Invoiced Number of units invoiced	M	R	1/10
IT103	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed	M	ID	2/2
IT104	212	Unit Price Price per unit of product, service, commodity, etc.	M	R	1/17
IT106	235	Product / Service ID Qualifier 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	Product / Service ID Identifying number for a product or service <i>White Cap Item Number sent on the Purchase Order</i>	M	AN	1/48
IT108	235	Product / Service ID Qualifier 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	Product / Service ID Identifying number for a product or service <i>Vendor's Item Number</i>	O	AN	1/48
IT110	235	Product / Service ID Qualifier 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	Product / Service ID Identifying number for a product or service <i>UPC Number</i>	O	AN	1/48

PID Product / Item Description

To specify identifying information

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



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	Allowance or Charge Indicator Code which indicates an allowance or charge for the service, promotion, allowance or charge specified <i>C - Charge</i> <i>A - Allowance</i>	M	ID	1/1
SAC02	1300	Service, Promotion, Allowance or Charge Code Code identifying the service, promotion, allowance or charge <i>A610 - Billed Demand</i> <i>D240 - Freight</i> <i>D270 - Fuel Surcharge</i> <i>A120 - Additional Copies of Freight Bill</i> <i>A310 - Air Express Charge</i> <i>A320 - Air Transportation Charge</i> <i>A350 - Airport Terminal Handling Charge</i> <i>A570 - Beyond Freight Charges</i> <i>D730 - Import Service Fee</i> <i>Other Tariff codes, see notes below</i>	M	ID	4/4
SAC05	610	Amount Monetary amount <i>Extended Line Item Amount</i>	M	N2	1/15

NOTES:

02	<i>Other Tariff Codes</i> <i>A122 - Additional Tariff Classifications</i> <i>A730 - Brokerage or Duty</i> <i>B870 - Customs Charge</i> <i>B872 - Customs Duty</i> <i>B880 - Customs Entry</i> <i>C530 - Duty Charge</i> <i>C940 - Export/Import Charge</i> <i>D103 - Foreign Customs Duty</i> <i>F067 - Other Import Charge</i> <i>H535 - Supplemental Duty</i> <i>I133 - Total Due U.S. Customs Service (USCS)</i>
05	SAC05 A610 will be used to house the extended line item total for each line SAC05 is the total amount for the service, promotion, allowance or charge



TDS Total Monetary Value Summary

To specify the total invoice discounts and amounts

REF	ELEMENT ID	NAME	ATTRIBUTES		
TDS01	610	Amount	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
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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	Allowance or Charge Indicator 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	Service, Promotion, Allowance or Charge Code Code identifying the service, promotion, allowance or charge	M	ID	4/4
SAC05	610	Amount 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
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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>		
CTT01	354	Number of Line Items Total number of line items (IT1 segments) in the Transaction Set	M	NO	1/6
CTT02	347	Hash Total Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points or signs.	O	R	1/10

NOTES:

02	Sum of the IT102 elements
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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>		
SE01	96	Number of Included Segments Total number of segments included in a Transaction Set including the ST and SE segments	M	NO	1/10
SE02	329	Transaction Set Control Number Identifying control number that must be unique within the Transaction Set functional group assigned by the originator for a Transaction Set	M	AN	4/9