

*Implementation Guideline Description*

Used to identify debit invoice or credit memo amounts

# 810 Invoice

**TABLE 1**

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	10	ST	Transaction Set Header
Must Use	M	1	20	BIG	Beginning Segment for Invoice
Must Use	M	1	70	DTM	Date/Time Reference

**TABLE 2**

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
				<b>LOOP ID - IT1</b>	<b>MAX: 200000</b>
Must Use	M	1	10	IT1	Baseline Item Data (Invoice)
Must Use	M	1	160	CAD	Carrier Detail
	O	1	100	SAC	Service, Promotion, Allowance, or Charge Information

**TABLE 3**

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	10	TDS	Total Monetary Value Summary
	O	1	20	SAC	Service, Promotion, Allowance, or Charge Information
Must Use	M	1	70	CTT	Transaction Totals
Must Use	M	1	80	SE	Transaction Set Trailer



**ST ° Transaction Set Header**

**User Req:** MUST USE  
**Table/Area:** 1  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0010  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
	M	ST01	143	Transaction Set Identifier Code	ID	3	3		
				<table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">810</td> <td style="width: 50%;">Invoice</td> </tr> </table>	810	Invoice			
810	Invoice								
	M	ST02	329	Transaction Set Control Number	AN	4	9		



**BIG ° Beginning Segment for Invoice**

**User Req:** MUST USE  
**Table/Area:** 1  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0020  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
	M	BIG01	373	Date	DT	8	8		
	M	BIG02	76	Invoice Number	AN	1	22		
	O	BIG03	373	Purchase Order Date	DT	8	8		
	M	BIG04	324	Purchase Order Number	AN	1	22		
	M	BIG07	640	Transaction Type Code	ID	2	2		
				<table border="1"> <tr> <td>DI</td> <td>Debit Invoice</td> </tr> </table>	DI	Debit Invoice			
DI	Debit Invoice								

**Set Note:** BIG01 (Date) - This is the Invoice Date  
 BIG02 (Invoice Number) - Unique identifier for this specific invoice.  
 BIG03 (Date) - Purchase Order Date  
 BIG07 (Transaction Type Code) - Will identify this transaction as an Invoice (DI) or Credit Memo (CR)



**DTM ° Date/Time Reference**

**User Req:** MUST USE  
**Table/Area:** 1  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0070  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	DTM01	374	Date/Time Qualifier	ID	3	3
				011 Shipped			
	X	DTM02	373	Date	DT	8	8



**IT1 ° Baseline Item Data (Invoice)**

**User Req:** MUST USE  
**Table/Area:** 2  
**Loop:** IT1  
**Loop Section:** IT1  
**Position:** 0010  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	IT101	350	Assigned Identification	AN	1	20
	M	IT102	358	Quantity Invoiced	R	1	10
	M	IT103	355	Unit or Basis for Measurement Code	ID	2	2
	M	IT104	212	Unit Price	R	1	17
	M	IT106	235	Product/Service ID Qualifier	ID	2	2
				VN Vendor's (Seller's) Item Number			
	X	IT107	234	Product/Service ID	AN	1	48
	M	IT108	235	Product/Service ID Qualifier	ID	2	2
				SK Stock Keeping Unit (SKU)			
	X	IT109	234	Product/Service ID	AN	1	48
	O	IT110	235	Product/Service ID Qualifier	ID	2	2
				SR Substitute Product Number			
	X	IT111	234	Product/Service ID	AN	1	48

**Syntax Notes:** If any of 02, 03 or 04 are present, then all are required.  
 If any of 06 or 07 are present, then all are required.  
 If any of 08 or 09 are present, then all are required.  
 If any of 10 or 11 are present, then all are required.

**Set Note:** IT101 Assigned Identification - Should match the PO101 field on the purchase order (850)  
 IT103 should be EA and match PO103 on the purchase order 850  
 IT104 should include 2 decimal places. Example 101.99  
 IT106, IT107 Vendor's Item Number (VN) - Should match Vendor's (Seller's) Item Number PO106, PO107 on the purchase order (850)  
 IT108, IT109 SKU (SK) - Should match Stock Keeping Unit (SKU) PO108, PO109 on the purchase order (850)  
 IT110, IT111 Substitute Product Number (SR) - if the SKU has changed from what was initially provided, the new SKU will need to be sent here.



**CAD ° Carrier Detail**

**User Req:** MUST USE  
**Table/Area:** 2  
**Loop:** IT1  
**Loop Section:** IT1  
**Position:** 0160  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.		
	M	CAD04	140	Standard Carrier Alpha Code	ID	2	4		
	O	CAD05	387	Routing	AN	1	35		
	M	CAD07	128	Reference Identification Qualifier	ID	2	3		
				<table border="1"> <tr> <td>CN</td> <td>Carrier's Reference Number (PRO/Invoice)</td> </tr> </table>	CN	Carrier's Reference Number (PRO/Invoice)			
CN	Carrier's Reference Number (PRO/Invoice)								
	X	CAD08	127	Reference Identification	AN	1	30		
			<b>Level 1 Note:</b> Must provide tracking number here for item shipped.						

**Syntax Notes:** At least one of 05 and 04 is required.  
 If 07 is present, then 08 is required.



**SAC ° Service, Promotion, Allowance, or Charge Information**

**User Req:** USED  
**Table/Area:** 2  
**Loop:** IT1  
**Loop Section:** IT1  
**Position:** 0100  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	SAC01	248	Allowance or Charge Indicator	ID	1	1
				C Charge			
	M	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4	4
				ZZZZ Mutually Defined			
	X	SAC05	610	Amount	N2	1	15
			<b>Level 1 Note:</b> Core Charge				

**Syntax Notes:** At least one of 02 and 03 is required.

**Set Note:** ZZZZ - indicates a CORE charge. This value should not be included in the total item price that is provided in the IT104 price field. CORE charge is a subset of the total item price.



**TDS ° Total Monetary Value Summary**

**User Req:** MUST USE  
**Table/Area:** 3  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0010  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	TDS01	610	Amount	N2	1	15

**Set Note:** TDS01 (Amount) - this will be your total invoice amount. No decimals.





**SAC ° Service, Promotion, Allowance, or Charge Information**

**User Req:** USED  
**Table/Area:** 3  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0020  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	SAC01	248	Allowance or Charge Indicator	ID	1	1
				<input type="text" value="C"/> Charge			
	M	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4	4
				<input type="text" value="G821"/> Shipping			
	X	SAC05	610	Amount	N2	1	15

**Syntax Notes:** At least one of 02 and 03 is required.

**Set Note:** Values should be used in the calculation of invoice total in the TDS segment. No decimals.



**CTT ° Transaction Totals**

**User Req:** MUST USE  
**Table/Area:** 3  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0070  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	CTT01	354	Number of Line Items	N0	1	6



**SE ° Transaction Set Trailer**

**User Req:** MUST USE  
**Table/Area:** 3  
**Loop:** N/A  
**Loop Section:** N/A  
**Position:** 0080  
**Max Use:** 1

**Data Element Summary**

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	SE01	96	Number of Included Segments	N0	1	10
	M	SE02	329	Transaction Set Control Number	AN	4	9

