

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
	O	1	30	CUR	Currency
Must Use	O	1	140	DTM	Date/Time Reference

TABLE 2

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
Must Use	M	1	10	IT1	Baseline Item Data (Invoice)
				LOOP ID - IT1	MAX: 200000

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	Date	DT	8	8
	M	BIG04	324	Purchase Order Number	AN	1	22
	M	BIG07	640	Transaction Type Code	ID	2	2
				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 Number
 BIG07 (Transaction Type Code) - Will identify this transaction as an Invoice (DI)



CUR ° Currency

User Req: USED
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0030
Max Use: 1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	CUR01	98	Entity Identifier Code	ID	2	3
				SE Selling Party			
	X	CUR02	100	Currency Code	ID	3	3

Syntax Notes: If 08 is present, then 07 is required.
 If 09 is present, then 07 is required.
 If 10 is present, then at least 11 or 12 is required.
 If 11 is present, then 10 is required.
 If 12 is present, then 10 is required.
 If 13 is present, then at least 14 or 15 is required.
 If 14 is present, then 13 is required.
 If 15 is present, then 13 is required.
 If 16 is present, then at least 17 or 18 is required.
 If 17 is present, then 16 is required.
 If 18 is present, then 16 is required.
 If 19 is present, then at least 20 or 21 is required.
 If 20 is present, then 19 is required.
 If 21 is present, then 19 is required.

Set Note: If no value is provided "USD" will be assumed.



DTM ° Date/Time Reference

User Req: MUST USE
Table/Area: 1
Loop: N/A
Loop Section: N/A
Position: 0140
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
				007 Effective			
	M	DTM02	373	Date	DT	8	8

Syntax Notes: At least one of 02, 03 and 05 is required.
 If 04 is present, then 03 is required.
 If any of 05 or 06 are present, then all are required.

Set Note: Effective date will be used to identify when the payment terms from ITD will be applied.



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.
	O	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
	O	IT105	639	Basis of Unit Price Code	ID	2	2
				PE Price per Each			
	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
	O	IT108	235	Product/Service ID Qualifier	ID	2	2
				IN Buyer's Item Number			
	X	IT109	234	Product/Service ID	AN	1	48
	O	IT110	235	Product/Service ID Qualifier	ID	2	2
				UP U.P.C. Consumer Package Code (1-5-5-1)			
	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.



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 including all SAC charges and allowances identified in the header.



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
				A Allowance			
				C Charge			
	M	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4	4
				C310 Discount			
				G821 Shipping			
				H850 Tax			
	X	SAC05	610	Amount	N2	1	15

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

Set Note: A (Allowance) = used to indicate an allowance to be applied to the invoice total.

C (Charge) = used to indicate a charge to be applied to the invoice total.

**C310 (Discount) will be the only code using "A" (Allowance) in SAC01.

Values should be used in the calculation of invoice total in the TDS segment.



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

