810 Invoice

Introduction:

This Draft Standard for Trial Use 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.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
	050	REF	Reference Identification	O	12		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - IT1			200000	
	010	IT1	Baseline Item Data (Invoice)	O	1		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	TDS	Total Monetary Value Summary	M	1		
Must Use	080	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment:		**ST** Transaction Set Header			
Position:		010			
Loop:					
Level:		Heading:			
Usage:		Mandatory			
Max Use:		1			
Purpose:		To indicate the start of a transaction set and to assign a control number			
Syntax Notes:					
Semantic Notes:		1	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).		
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	**ST01**	**143**	**Transaction Set Identifier Code**	**M**	**ID 3/3**
			Code uniquely identifying a Transaction Set		
			810 Invoice		
>>	**ST02**	**329**	**Transaction Set Control Number**	**M**	**AN 4/9**
			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			
Position:	020			
Loop:				
Level:	Heading:			
Usage:	Mandatory			
Max Use:	1			
Purpose:	To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates			
Syntax Notes:				
Semantic Notes:	**1** BIG01 is the invoice issue date.			
	2 BIG03 is the date assigned by the purchaser to purchase order.			
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
>>	BIG01	373	**Date**	M	DT 8/8
			Date expressed as CCYYMMDD		
			Invoice Date		
>>	BIG02	76	**Invoice Number**	M	AN 1/22
			Identifying number assigned by issuer		
	BIG03	373	**Date**	O	DT 8/8
			Date expressed as CCYYMMDD		
			PO Date		

	Segment:	**REF** Reference Identification
	Position:	050
	Loop:	
	Level:	Heading:
	Usage:	Optional
	Max Use:	12
	Purpose:	To specify identifying information
	Syntax Notes:	1 At least one of REF02 or REF03 is required.
		2 If either C04003 or C04004 is present, then the other is required.
		3 If either C04005 or C04006 is present, then the other is required.

Comments: **One set of REF segments** per Reference Identification Qualifier needed.

<div align="center">

Data Element Summary

</div>

	Ref. Des.	Data Element	Name	Attributes
>>	**REF01**	**128**	**Reference Identification Qualifier**	**M ID 2/3**
			Code qualifying the Reference Identification	
			CO - Customer Order Number	
			VN - Vendor Order Number	
	REF02	**127**	**Reference Identification**	**X AN 1/30**
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
	REF03	**352**	**Description**	**X AN 1/80**
			A free-form description to clarify the related data elements and their content	

Segment:	**IT1** Baseline Item Data (Invoice)		
Position:	010		
Loop:	IT1 Optional		
Level:	Detail:		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify the basic and most frequently used line item data for the invoice and related transactions		
Syntax Notes:	1 If any of IT102 IT103 or IT104 is present, then all are required.		
Semantic Notes:	1 IT101 is the purchase order line item identification.		
Comments:			

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT101	**350**	**Assigned Identification**	**O AN 1/11**
		Alphanumeric characters assigned for differentiation within a transaction set	
IT102	**358**	**Quantity Invoiced**	**X R 1/10**
		Number of units invoiced (supplier units)	
IT103	**355**	**Unit or Basis for Measurement Code**	**X ID 2/2**
		Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken *EA - Each*	
IT104	**212**	**Unit Price**	**X R 1/14**
		Price per unit of product, service, commodity, etc.	

			Segment:	**TDS** Total Monetary Value Summary

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Syntax Notes:
Semantic Notes: 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
Comments: 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
>> TDS01	610	**Amount**	**M**	**N2 1/10**
		Monetary amount		
		Total Invoice Amount		
TDS02	610	**Amount**	**O**	**N2 1/10**
		Monetary amount		
		Amount Subject to Terms Discount		

Segment: **SE** **Transaction Set Trailer**
Position: 080
Loop:
Level: Summary:
Usage: Mandatory
Max Use: 1
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)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
>>	SE01	96	**Number of Included Segments** M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments
>>	SE02	329	**Transaction Set Control Number** M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set