Invoice

Specification

EDI 810

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
	M	1	30	CUR	Currency
	O	1	40	REF	Reference Identification
		LOOP ID - N1			**MAX: 200**
Must Use	M	1	70	N1	Name
Must Use	M	2	80	N3	Address Information
Must Use	M	1	90	N4	Geographic Location
	O	3	120	PER	Administrative Communications Contact
		LOOP ID - N9			**MAX: >1**
	O	1	240	N9	Reference Identification
	O	1	250	MSG	Message Text
	O	>1	130	ITD	Terms of Sale/Deferred Terms of Sale

TABLE 2

USER REQ	REQ. DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
		LOOP ID - IT1			**MAX: 200000**
Must Use	M	1	10	IT1	Baseline Item Data (Invoice)
	O	1	160	CAD	Carrier Detail
		LOOP ID - PID			**MAX: 1000**
	O	1	60	PID	Product/Item Description
	O	1	180	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

ST

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

810	Invoice

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	ST02	329	Transaction Set Control Number	AN	4	9

BIG ◦ Beginning Segment for Invoice

BIG

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
CR	Credit Memo

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) or Credit Memo (CR)

CUR ◦ Currency

CUR

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.

REF ◦ Reference Identification

<div style="text-align: right;">

REF

</div>

User Req:	USED
Table/Area:	1
Loop:	N/A
Loop Section:	N/A
Position:	0040
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	REF01	128	Reference Identification Qualifier	ID	2	3
				IA Internal Vendor Number			
				CO Customer Order Number			
	X	REF02	127	Reference Identification	AN	1	30

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

Set Note: CO (CustomerOrder Number) - Indicates the end user's order number, typically provided on the packing slip.

IA (Internal Vendor Number) - this is the number assigned by the merchant to identify the supplier.

N1

N1 ◦ Name

User Req:	MUST USE
Table/Area:	1
Loop:	N1
Loop Section:	N1
Position:	070
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	N101	98	Entity Identifier Code	ID	2	3

RI	Remit To
ST	Ship To
BT	Bill-to-Party
OB	Ordered By

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	X	N102	93	Name	AN	1	60
	O	N103	66	Identification Code Qualifier	ID	1	2

92	Assigned by Buyer or Buyer's Agent

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	X	N104	67	Identification Code	AN	2	80

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

Set Note: Remit To Address (RI) is always required. Ship to (ST), Bill to (BT), and Ordered by (OB) are optional.

N3

N3 ◦ Address Information

User Req: MUST USE
Table/Area: 1
Loop: N1
Loop Section: N1
Position: 090
Max Use: 2

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	N301	166	Address Information	AN	1	55
	O	N302	166	Address Information	AN	1	55

N4

N4 ◦ Geographic Location

User Req: MUST USE
Table/Area: 1
Loop: N1
Loop Section: N1
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	N401	19	City Name	AN	2	30
	M	N402	156	State or Province Code	ID	2	2
	M	N403	116	Postal Code	ID	3	15
	O	N404	26	Country Code	ID	2	3

Syntax Notes: If 06 is present, then 05 is required.

PER

PER ◦ Administrative Communications Contact

User Req:	USED
Table/Area:	1
Loop:	N1
Loop Section:	N1
Position:	0120
Max Use:	3

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	PER01	366	Contact Function Code	ID	2	2
				CN General Contact			
	X	PER02	93	Name	AN	1	60
	O	PER03	365	Communication Number Qualifier	ID	2	2
				TE Telephone			
	X	PER04	364	Communication Number	AN	1	80
	O	PER05	365	Communication Number Qualifier	ID	2	2
				EM Electronic Mail			
	X	PER06	364	Communication Number	AN	1	80

Syntax Notes: If any of 03 or 04 are present, then all are required.
If any of 05 or 06 are present, then all are required.
If any of 07 or 08 are present, then all are required.

N9 ○ Reference Identification

N9

User Req:	USED
Table/Area:	1
Loop:	N9
Loop Section:	N9
Position:	0240
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	N901	128	Reference Identification Qualifier	ID	2	3
				L1　　　　Letters or Notes			
	X	N902	127	Reference Identification	AN	1	30

Syntax Notes: At least one of 02 and 03 is required.
If 06 is present, then 05 is required.

Set Note: N902 (Reference Identification) - "INV" will be entered here to identify header notes are in the MSG segment.

MSG

MSG ◦ Message Text

User Req:	USED
Table/Area:	1
Loop:	N9
Loop Section:	N9
Position:	0250
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	MSG01	933	Free-Form Message Text	AN	1	264

Syntax Notes: If 03 is present, then 02 is required.

Set Note: MSG01 (Free Form Message Text) - Notes related to the invoice will be supplied here.

ITD ∘ Terms of Sale/Deferred Terms of Sale

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ITD

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User Req:	USED
Table/Area:	1
Loop:	N/A
Loop Section:	N/A
Position:	0130
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	ITD01	336	Terms Type Code	ID	2	2

01	Basic

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	ITD02	333	Terms Basis Date Code	ID	1	2

1	Ship Date
2	Delivery Date
3	Invoice Date

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	ITD03	338	Terms Discount Percent	R	1	6
	O	ITD04	370	Terms Discount Due Date	DT	8	8
	O	ITD05	351	Terms Discount Days Due	N0	1	3
	O	ITD06	446	Terms Net Due Date	DT	8	8
	O	ITD07	386	Terms Net Days	N0	1	3
	O	ITD08	362	Terms Discount Amount	N2	1	10
	O	ITD12	352	Description	AN	1	80

Syntax Notes: If 03 is present, then at least 04, 05 or 13 is required.
If 08 is present, then at least 04, 05 or 13 is required.
If 09 is present, then at least 10 or 11 is required.

Set Note: ITD segment will be used to identify the payment terms of the invoice. This is not required if BIG07 is a Credit Memo (CR). If no ITD terms are provided, the terms from the purchase order will be used or if you have default terms setup through logicbroker those will be defaulted. If you would like to have your terms defaulted, please contact support@logicbroker.com and provide your account number and partner.

IT1

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.

PID ◦ Product/Item Description

PID

User Req:	USED
Table/Area:	2
Loop:	PID
Loop Section:	IT1;PID
Position:	0060
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	PID01	349	Item Description Type	ID	1	1
				F Free-form			
	M	PID02	750	Product/Process Characteristic Code	ID	2	3
				08 Product			
				SIZ Sizing			
				35 Color			
	X	PID05	352	Description	AN	1	80

Syntax Notes: If 04 is present, then 03 is required.
At least one of 04 and 05 is required.

CAD

CAD ◦ Carrier Detail

User Req:	USED
Table/Area:	2
Loop:	IT1
Loop Section:	IT1
Position:	00160
Max Use:	1

Data Element Summary

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	O	CAD04	140	Standard Carrier Alpha Code	ID	2	4
	O	CAD05	387	Routing	AN	1	35
	O	CAD09	284	Service Level Code	ID	2	2

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

Set Note: CAD04 (Standard Carrier Alpha Code), CAD05 (Routing), and CAD09 (Service Level Code) will be pulled from the shipment if not provided.

SAC ◦ Service, Promotion, Allowance, or Charge Information

SAC

User Req:	USED
Table/Area:	2
Loop:	IT1
Loop Section:	IT1
Position:	0180
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
				H850 Tax			
	X	SAC05	610	Amount	N2	1	15

Syntax Notes: At least one of 02 and 03 is required.
If any of 03 or 04 are present, then all are required.
If any of 06 or 07 are present, then all are required.
If any of 09 or 10 are present, then all are required.
If 11 is present, then 10 is required.
If 13 is present, then at least 02 or 04 is required.
If 14 is present, then 13 is required.
If 16 is present, then 15 is required.

Set Note: H850 (Tax) - will be used to identify specific line level tax amount.

TDS ▫ Total Monetary Value Summary

TDS

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   **SAC**

User Req:	USED
Table/Area:	3
Loop:	N/A
Loop Section:	N/A
Position:	0040
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

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	M	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4	4

C310	Discount
H850	Tax
G821	Shipping
ZZZZ	Mutually Defined

User Req	Req. Des.	Ref. Des.	Data Element	Element Name	Data Type	Min Len.	Max Len.
	X	SAC05	610	Amount	N2	1	15

Syntax Notes: At least one of 02 and 03 is required.
If any of 03 or 04 are present, then all are required.
If any of 06 or 07 are present, then all are required.
If any of 09 or 10 are present, then all are required.
If 11 is present, then 10 is required.
If 13 is present, then at least 02 or 04 is required.
If 14 is present, then 13 is required.
If 16 is present, then 15 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.

**ZZZZ (Mutually Defined) will be used as a miscellaneous charge

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

CTT ∘ **Transaction Totals**

CTT

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

Syntax Notes: If any of 03 or 04 are present, then all are required.
If any of 05 or 06 are present, then all are required.

SE

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