



Joy

810 Invoice

Version 4010

810 Invoice

Functional Group = IN

Header

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	ST	Transaction Set Header
M	M	1	020	BIG	Beginning Segment for Invoice
O	O	1	040	CUR	Currency
O	O	1	050	REF	Reference Identification
LOOP N1 Max: 200 Required					
M	M	1	070	N1	Name
M	O	1	090	N3	Address Information
M	O	1	100	N4	Geographic Location
O	O	1	120	PER	Administrative Communications Contact
O	O	1	130	ITD	Terms of Sale/Deferred Terms of Sale

Detail

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
LOOP IT1 Max: 200000 Required					
M	M	1	010	IT1	Baseline Item Data (Invoice)
LOOP PID Max: 1000 Optional					
O	M	1	060	PID	Product/Item Description
LOOP SAC Max: 25 Optional					
O	M	1	180	SAC	Service, Promotion, Allowance, or Charge Information

Summary

USER REQ	REQ DES.	MAX USE	POS NO.	SEGMENT ID	SEGMENT NAME
M	M	1	010	TDS	Total Monetary Value Summary
LOOP SAC Max: 25 Optional					
O	M	1	040	SAC	Service, Promotion, Allowance, or Charge Information
M	O	1	070	CTT	Transaction Totals
M	M	1	080	SE	Transaction Set Trailer

ST Transaction Set Header

Position: 010
Loop:
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	ST01	143	Transaction Set Identifier Code	ID	3/3
				810 Invoice		
M	M	ST02	329	Transaction Set Control Number	AN	4/9

BIG Beginning Segment for Invoice
Position: 020

Loop:
Level: Header

User Req: Required

Max Use: 1

Notes: 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)

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	BIG01	373	Date	DT	8/8
M	M	BIG02	76	Invoice Number	AN	1/22
O	O	BIG03	373	Date	DT	8/8
M	O	BIG04	324	Purchase Order Number	AN	1/22
M	O	BIG07	640	Transaction Type Code	ID	2/2
				DI		Debit Invoice
				CR		Credit Memo

CUR Currency
Position: 040

Loop:
Level: Header

User Req: Optional

Max Use: 1

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

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

REF Reference Identification

Position: 050**Loop:****Level:** Header**User Req:** Optional**Max Use:** 1

Notes: 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.

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

N1
N1 Name
Position: 070

Loop: N1

Level: Header

User Req: Required

Max Use: 1

Notes: The remittance address information is only required if you do not have a default address set in the portal.

To set a default, navigate to the Logicbroker portal > Settings > Account Information > click "Edit Remittance Address" - Here you can set a default for all partners or set a different default per each partner.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	N101	98	Entity Identifier Code	ID	2/3
				RI Remit To		
X	O	N102	93	Name	AN	1/60
O	O	N103	66	Identification Code Qualifier	ID	1/2
				92 Assigned by Buyer or Buyer's Agent		
X	O	N104	67	Identification Code	AN	2/80

N3 Address Information

Position: 090
Loop: N1
Level: Header
User Req: Required
Max Use: 1

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

N4 Geographic Location

Position: 100
Loop: N1
Level: Header
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	N401	19	City Name	AN	2/30
M	O	N402	156	State or Province Code	ID	2/2
M	O	N403	116	Postal Code	ID	3/15
O	O	N404	26	Country Code	ID	2/3

PER Administrative Communications Contact

Position: 120
Loop: N1
Level: Header
User Req: Optional
Max Use: 1

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

ITD Terms of Sale/Deferred Terms of Sale

Position: 130**Loop:****Level:** Header**User Req:** Optional**Max Use:** 1

Notes: ITD segment will be used to identify the payment terms of the invoice. This is not required if BIG07 is a Credit Memo (CR).

ITD payment terms can be defaulted per partner by navigating to the Logicbroker portal > Settings > Account Information > Click "Edit Payment Terms" - once there you can edit a default set of terms for all partners or different ones for each individually.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	O	ITD01	336	Terms Type Code	ID	2/2
				01 Basic		
O	O	ITD02	333	Terms Basis Date Code	ID	1/2
				1 Ship Date		
				2 Delivery Date		
				3 Invoice Date		
O	O	ITD03	338	Terms Discount Percent	R	1/6
O	O	ITD04	370	Terms Discount Due Date	DT	8/8
O	O	ITD05	351	Terms Discount Days Due	N0	1/3
O	O	ITD06	446	Terms Net Due Date	DT	8/8
O	O	ITD07	386	Terms Net Days	N0	1/3
O	O	ITD08	362	Terms Discount Amount	N2	1/10
O	O	ITD12	352	Description	AN	1/80

IT1 Baseline Item Data (Invoice)

Position: 010
Loop: IT1
Level: Detail
User Req: Required
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
O	O	IT101	350	Assigned Identification	AN	1/20
M	O	IT102	358	Quantity Invoiced	R	1/10
M	O	IT103	355	Unit or Basis for Measurement Code	ID	2/2
M	O	IT104	212	Unit Price	R	1/17
O	O	IT105	639	Basis of Unit Price Code	ID	2/2
				PE Price per Each		
M	O	IT106	235	Product/Service ID Qualifier	ID	2/2
				SK Stock Keeping Unit (SKU)		
M	O	IT107	234	Product/Service ID	AN	1/48
O	O	IT108	235	Product/Service ID Qualifier	ID	2/2
				VN Vendor's (Seller's) Item Number		
X	O	IT109	234	Product/Service ID	AN	1/48
O	O	IT110	235	Product/Service ID Qualifier	ID	2/2
				UP U.P.C. Consumer Package Code (1-5-5-1)		
X	O	IT111	234	Product/Service ID	AN	1/48

PID Product/Item Description

Position: 060
Loop: PID
Level: Detail
User Req: Optional
Max Use: 1

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

SAC

SAC Service, Promotion, Allowance, or Charge Information

Position: 180
Loop: SAC
Level: Detail
User Req: Optional
Max Use: 1

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SAC01	248	Allowance or Charge Indicator	ID	1/1
				C Charge		
M	O	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4/4
				H850 (Tax) - will be used to identify specific line level tax amount.		
				H850 Tax		
X	O	SAC05	610	Amount	N2	1/15

TDS Total Monetary Value Summary

Position: 010

Loop:

Level: Summary

User Req: Required

Max Use: 1

Notes: TDS01 (Amount) - this will be your total invoice amount including all SAC charges and allowances identified in the header.

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

SAC Service, Promotion, Allowance, or Charge Information

Position: 040
Loop: SAC
Level: Summary
User Req: Optional
Max Use: 1

Notes: 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.

User Req	Req Des.	Ref. Des.	Data Element	Element Name	Data Type	Min/Max Len.
M	M	SAC01	248	Allowance or Charge Indicator	ID	1/1
				A Allowance		
				C Charge		
M	O	SAC02	1300	Service, Promotion, Allowance, or Charge Code	ID	4/4
				C310 Discount		
				G821 Shipping		
				H850 Tax		
				ZZZZ Mutually Defined		
X	O	SAC05	610	Amount	N2	1/15

CTT Transaction Totals

Position: 070
Loop:
Level: Summary
User Req: Required
Max Use: 1

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

SE Transaction Set Trailer

Position: 080
Loop:
Level: Summary
User Req: Required
Max Use: 1

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