

BeerBoard

810 Post-Delivery Invoice

X12/V4010/810 : Post-Delivery Invoice

Version: 2.0

810 Post-Delivery Invoice

Functional Group= IN

Purpose: This X12 Transaction Set 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.

Note: Standard Interchange and Group Segments *required*.

Heading:

<u>Id</u>	<u>Req</u>	<u>Segment Name</u>	<u>Max Use</u>	<u>Max Loop</u>	<u>Loop ID</u>	<u>Usage</u>
ST	Y	Transaction Set Header	1			Must Use
BIG	Y	Beginning Segment for Invoice	1			Must Use
<u>LOOP ID - N1</u>					200	
N1	Y	Name	1			Must Use
ITD	Y	Credit Terms Segment for Invoice	1			Must Use

Detail:

<u>Id</u>	<u>Req</u>	<u>Segment Name</u>	<u>Max Use</u>	<u>Max Loop</u>	<u>Loop ID</u>	<u>Usage</u>
<u>LOOP ID - IT1</u>					2000	
IT1	Y	Baseline Item Data (Invoice)	1			Must Use
PID	Y	Product/Item Description	1			Used
PO4	N	Item Physical Details	1			Used
SAC	N	Service, Promotion, Allowance, or Charge Information	10			Used

Summary:

TDS	Y	Total Monetary Value Summary	1			Must Use
<u>LOOP ID - SAC</u>						
SAC	N	Service, Promotion, Allowance, or Charge Information	10			Used
SE	Y	Transaction Set Trailer	1			Must Use

Data Type Codes

N - Numeric, AN - Alphanumeric, (x) - X Number of Decimals, 'x' - use X in this field, Date(yyyyMMdd)

Segment: **ST Transaction Set Header**
Loop: N/A
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Segment	Position	Field Name	Description	Length	Data Type	Req?				
ST	1	Transaction Set Identifier Code	Code identifying the type of transaction CodeList Summary (Total Codes: 318, Included: 1) <table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>810</td> <td>Invoice</td> </tr> </tbody> </table>	Code	Name	810	Invoice	3/3	N	Y
Code	Name									
810	Invoice									
ST	2	Transaction Control Number	This is the control number of the document. Same as SE_02	4/9	N	Y				

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

BeerBoard Segment Example:

ST*810*194900001~

Segment: **BIG Beginning Segment for Invoice**
Loop: N/A
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Segment	Position	Field Name	Description	Length	Data Type	Req?
BIG	1	Date	Invoice Date	8/8	Date(yyyyMM Y dd)	
BIG	2	Invoice Number	Identifying number assigned by issuer	1/22	AN	Y
BIG	3	Purchase Order Date	Date of Purchase Order	8/8	Date(yyyyMM Y dd)	
BIG	4	Purchase Order Number	Identifying number for Purchase Order assigned by the orderer/purchaser	1/22	AN	Y
BIG	7	Transaction Type Code	Code specifying the type of transaction Code Name CR Credit DI Debit	2/2	AN	N

BeerBoard Segment Example:

BIG*20190424*W-1234567*20190423*5267326*DI~**

Segment: **N1 Name**
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Segment	Position	Field Name	Description	Length	Data Type	Req?
N1	1	Entity Identifier Code	Code identifying an organizational entity, a physical location, property or an individual <u>Code</u> <u>Name</u> RE Remit To	2/2	AN	Y
N1	2	Name	Free-form Name	1/60		Y
N1	3	Identification Code Qualifier	Code designating the system or method of code structure used for Identification Code <u>Code</u> <u>Name</u> 9 Supplier's DUNS+4	1/1		Y
N1	4	Identification Code	Code identifying a party or other code	9/13		Y
<p>Note: <i>If No DUNS, Zero fill</i></p>						

BeerBoard Segment Example:

*N1*RE*Supplier Name*9*103902049~*

Segment: **N1 Name**
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code

Segment	Position	Field Name	Description	Length	Data Type	Req?
N1	1	Entity Identifier Code	Code identifying an organizational entity, a physical location, property or an individual <u>Code</u> <u>Name</u> ST Ship To	2/2	AN	Y
N1	2	Name	Free-form location name	1/60	AN	Y
N1	3	Identification Code Qualifier	Code designating the system or method of code structure used for Identification Code <u>Code</u> <u>Name</u> 91 Distributor's Customer ID 92 Buyer's Store Number*	2/2	AN	Y
N1	4	Identification Code	Code identifying a party or other code*	1/80	AN	Y

**When N103 = 92, then the Store Number value in N104 will be 0 filled to the left for a minimum length of 4*

*Note: Support for **Customer ID** is provided if the store number is not known, or if the retail location is not part of a chain, or if the distributor would like to use their own internal Customer/Account ID as a more exact method of identifying the retail location. If Customer ID is to be used, then a list of internal Customer IDs mapping to retail location address must be provided.*

BeerBoard Segment Example:

N1*ST*Company Name*92*0933~

or

N1*ST*Company Name*91*440000197~

Segment: **ITD Credit Terms Segment for Invoice**
Loop: N/A
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the credit terms of an invoice transaction set and transmit identifying numbers and dates

Segment	Position	Field Name	Description	Length	Data Type	Req?
ITD	1	Terms Type Code	Code specifying the type credit terms <u>Code</u> <u>Name</u> 01 Basic	2/2	ID	Y
ITD	2	Terms Basis Code	Code specifying the basis of credit terms <u>Code</u> <u>Name</u> 3 Invoice Date	1/2	ID	Y
ITD	6	Invoice Due Date	Invoice Due Date	8/8	Date(yyyyMM Y dd)	
ITD	7	Days of Credit	Days of Credit	1/3	N	Y

BeerBoard Segment Example:

ITD*01*3**20190524*30~**

Segment: **IT1** **Baseline Item Data (Invoice)**
Loop: IT1
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Segment	Position	Field Name	Description	Length	Data Type	Req?
IT1	1	Line Item Count	Line Item or Invoice Transaction Count	1/6	N	N
IT1	2	Quantity Invoiced	Number of Units Invoiced	1/15	N	Y
IT1	3	Unit or Basis of Measurement	Unit of Measure Code Name CA Case KE Keg EA Each	2/2	AN	Y
IT1	4	Unit Price	Price per unit of product, service, commodity, etc.	12/12	N(4)	Y
IT1	6	Product/Service ID Qualifier	Code identifying the type or source of the descriptive number used in Product/Service ID Code Name VN Vendor Product Number	2/2	AN	Y
IT1	7	Product/Service ID	Identifying number of a product or service	1/48	N	Y
IT1	8	Product/Service ID Qualifier	Code identifying the type or source of the descriptive number used in Product/Service ID Code Name UP Carrier UPC	2/2	AN	N
IT1	9	Product/Service ID	Identifying number of a product or service	1/48	Text	N

IT1	10	Product/Service ID Qualifier	Code identifying the type or source of the descriptive number used in Product/Service ID	2/2	Text	N
			Code Name			
			UI Case UPC			
IT1	11	Product/Service ID	Identifying number of a product or service	1/48	Text	N
IT1	12	Product/Service ID Qualifier	Code identifying the type or source of the descriptive number used in Product/Service ID	2/2	Text	N
			Code Name			
			SP Supplier Product Number			
IT1	13	Product/Service ID	Identifying number of a product or service	1/48	AN	N

**At least one set of the following will be used:*

IT1_6 & IT1_7

IT1_8 & IT1_09

IT1_10 & IT1_11

BeerBoard Segment Example:

*IT1*1*24*CA*24.5000**UP*081564354884*UI*081564453877*VN*8046*SP*123456~*

Segment: **PID** **Product/Item Description**
Loop: PID
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free-form format

Segment	Position	Field Name	Description	Length	Data Type	Req?				
PID	1	Item Description Type	Code indicating the format of a description	1/1	AN	N				
			<table border="0"> <tr> <td>Code</td> <td>Name</td> </tr> <tr> <td>F</td> <td>Free-form</td> </tr> </table>	Code	Name	F	Free-form			
Code	Name									
F	Free-form									
PID	5	Description	A free-form description to clarify the related data elements and their content	1/80	Text	Y				

BeerBoard Segment Example:

*PID*F****Product Description~*

Segment: **PO4** **Item Physical Details**
Loop: IT1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the physical qualities, packaging, weights, and dimensions relating to the item

Segment	Position	Field Name	Description	Length	Data Type	Req?
PO4	1	Pack	The number of inner containers, or number of eaches if there are no inner containers, per outer container	1/6	N	N

Note: *Number of Units in Package*

BeerBoard Segment Example:

PO4*12~

SAC Service, Promotion, Allowance, or Charge Information

Segment: SAC
Loop: SAC
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge for the service specified

Segment	Position	Field Name	Description	Length	Data Type	Req?
SAC	1	Allowance or Charge Indicator	Code which indicates an allowance or charge for the service specified Code Name A Allowance C Charge	1/1	ID	Y
SAC	2	Service, Promotion, Allowance, or Charge Code	Code identifying the service, promotion, allowance, or charge Code Name C090 Deposit (keg, bottle, crv, etc.) D500 Fee (ecology, repack, etc.) F210 County Tax F800 Discount H625 Beverage Tax H630 City Tax H700 Local Tax H730 Sales Tax H770 State Tax H850 Tax	4/4	AN	Y
SAC	5	Extended Price	Total Monetary Amount for Allowance or Charge	1/15	N(4)	Y
SAC	8	Allowance or Charge Rate per Unit.	Rate of Charge	1/12	N(4)	N
SAC	15	Adjustment Name	A free-form description to clarify the related data elements and their content Note: <i>Please provide a Description of the allowance or charge</i>	1/80	AN	Y

Note: The SAC02 code of H625 should be used to carry any Sugar Tax that is assessed against the line item.

BeerBoard Segment Example:

SAC*A*F800***4.0000*****HARNOIS 22G PEPS APR 10-NOV20 20~

Segment: **TDS** **Total Monetary Value Summary**
Loop: N/A
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify summary of total segments

Segment	Position	Field Name	Description	Length	Data Type	Req?
TDS	1	Total	Total Invoice Amount	3/15	N (Assumed 2)	Y

BeerBoard Segment Example:

TDS*17100~

SAC Service, Promotion, Allowance, or Charge

Segment: Information
Loop: SAC
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To request or identify a service, promotion, allowance, or charge for the service specified

Segment	Position	Field Name	Description	Length	Data Type	Req?																				
SAC	1	Allowance or Charge Indicator	Code which indicates an allowance or charge for the service specified <table border="0"> <tr> <td>Code</td> <td>Name</td> </tr> <tr> <td>A</td> <td>Allowance</td> </tr> <tr> <td>C</td> <td>Charge</td> </tr> </table>	Code	Name	A	Allowance	C	Charge	1/1	AN	Y														
Code	Name																									
A	Allowance																									
C	Charge																									
SAC	2	Service, Promotion, Allowance, or Charge Code	Code identifying the service, promotion, allowance, or charge <table border="0"> <tr> <td>Code</td> <td>Name</td> </tr> <tr> <td>C030</td> <td>Delivery Surcharge</td> </tr> <tr> <td>D270</td> <td>Fuel Surcharge</td> </tr> <tr> <td>F210</td> <td>County Tax</td> </tr> <tr> <td>H625</td> <td>Beverage Tax</td> </tr> <tr> <td>H630</td> <td>City Tax</td> </tr> <tr> <td>H700</td> <td>Local Tax</td> </tr> <tr> <td>H730</td> <td>Sales Tax</td> </tr> <tr> <td>H770</td> <td>State Tax</td> </tr> <tr> <td>H850</td> <td>Tax</td> </tr> </table>	Code	Name	C030	Delivery Surcharge	D270	Fuel Surcharge	F210	County Tax	H625	Beverage Tax	H630	City Tax	H700	Local Tax	H730	Sales Tax	H770	State Tax	H850	Tax	4/4	AN	Y
Code	Name																									
C030	Delivery Surcharge																									
D270	Fuel Surcharge																									
F210	County Tax																									
H625	Beverage Tax																									
H630	City Tax																									
H700	Local Tax																									
H730	Sales Tax																									
H770	State Tax																									
H850	Tax																									
SAC	5	Extended Price	Total Monetary Amount for Allowance or Charge	1/15	N(4)	Y																				
SAC	15	Adjustment Name	A free-form description to clarify the related data elements and their content	1/80	AN	Y																				

Note:
 Please provide a Description of the allowance or charge

Note: The SAC02 code of H625 should be used to carry any Sugar Tax that is assessed against the line item.

BeerBoard Segment Example:

SAC*C*D270***1.0000*****FUEL SURCHARGE~

Segment: **SE** Transaction Set Trailer
Loop: N/A
Level: Summary
Usage: Mandatory
Max Use: 1

Segment	Position	Field Name	Description	Length	Data Type	Req?
SE	1	Number of Included Segments	Total number of segments included in a transaction set including ST and SE segments.	1/10	N	Y
SE	2	Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	1/9	N	Y

Comments:

1. SE is the last segment of each transaction set.

BeerBoard Segment Example:

SE*14*194900001~

Example Test File:

ISA*00* *00* *ZZ*SenderID *ZZ*ReceiverID *190423*1705*U*00401*000001949*1*P*>~
GS*IN*SenderID*ReceiverID*20190423*1705*1949*X*004010~
ST*810*194900001~
BIG*20190424*W-1234567*20190423*5267326***DI~
N1*RE*Supplier Name*9*103902049~
N1*ST*Company Name*92*0933~
ITD*01*3****20190524*30~
IT1*1*3*CA*24.5000**UP*081564354884*UI*081564453877*VN*8046*SP*123456~
PID*F****Product Description~
PO4*24~
SAC*A*F800***400*****HARNOIS 22G PEPS APR 10-NOV20 20~
IT1*2*5*CA*20.5000**UP*081564363787*UI*081564211583*VN*165*SP*SN8943~
PID*F****Product Description~
PO4*12~
TDS*17100~
SAC*C*D270***100*****FUEL SURCHARGE~
SE*15*194900001~
GE*1*1949~
IEA*1*000001949~

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