LIQUOR DISTRIBUTORS'

ELECTRONIC DATA INTERCHANGE (EDI)

GALLONAGE TAX PROGRAM GUIDE

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1. Program Overview

The Kansas Department of Revenue has designed an Electronic Data Interchange (EDI) and Electronic Funds Transfer (EFT) Program for the electronic filing and payment of Gallonage Tax Return and Reports.

Advantages of participating in the Department's EDI & EFT Program include:

- Elimination of the cost and time to generate, sign and mail returns and checks.
- Rapid and secure movements of gallonage tax return and report data allowing for faster processing and response to you.
- Comprehensive audit trail for both the return and the payment.
- Elimination of postal delays and possible late filing/payment fees.
- You will receive an acknowledgment that the Department received your tax return.
- Consistent standards format resulting in easier and less costly implementation efforts.
- Enables the Department to better track the movement of alcoholic beverages into the state.

The purpose of this guide is to present the information which must be addressed by any tax filer and discuss the technical aspect of EDI.

The following pages will assist you with implementing EDI for gallonage taxes.

1.1 Contact Information for Assistance

KDOR EDI COORDINATOR
Carole Sadler
Phone: 785-291-3660
Email: carole.sadler@ks.gov
Mailing Address: KDOR – Electronic Services
          P.O. BOX 3506
          Topeka, KS 66601-3506

LICENSING & BRAND REGISTRATION ABC MARKETING UNIT
Phone: 785-296-7015
Email: abc.marketing.unit@ks.gov
Mailing Address: KDOR – Alcoholic Beverage Control
          P.O. BOX 3506
          Topeka, KS 66601-3506

ABC ELECTRONIC SERVICES
Chantel Fletchall
Phone: 785-296-4304
Email: chantel.fletchall@ks.gov

2. Introduction to Electronic Data Interchange (EDI)

Electronic Data Interchange (EDI) is the electronic exchange of business documents from one company's computer to another company's computer in machine-processable, national standard data formats. The direct, computer-to-computer exchange of business information alleviates the expense associated with processing paper (opening envelopes, logging in of documents, etc.) as well as the costs, errors, and time delays associated with data entry. In EDI, the data is transmitted in a precisely structured format so that it is immediately machine-processable with little or no human intervention. Companies in industries of all kinds have found that EDI makes tremendous economic sense. It is only natural that the huge paper-intensive tax component of government also begins to realize the advantages of EDI.

Innovative companies realized there are time and money savings in reducing the amount of paper used in business transactions and replacing it with electronic communication. As a result, they developed electronic transactions to replace paper business documents. As more customers became interested in sending and receiving electronic documents, the companies' efforts to maintain the multitude of individualized document formats became less of a time and money savings and more of a complicated support problem. The adoption of national standards for EDI resolves this situation by enabling all organizations to use standard business document formats called "transaction sets". The agency responsible for developing and maintaining these standard business document formats is the **Accredited Standards Committee X12 (ASC X12)** of the **American National Standards Institute (ANSI).**
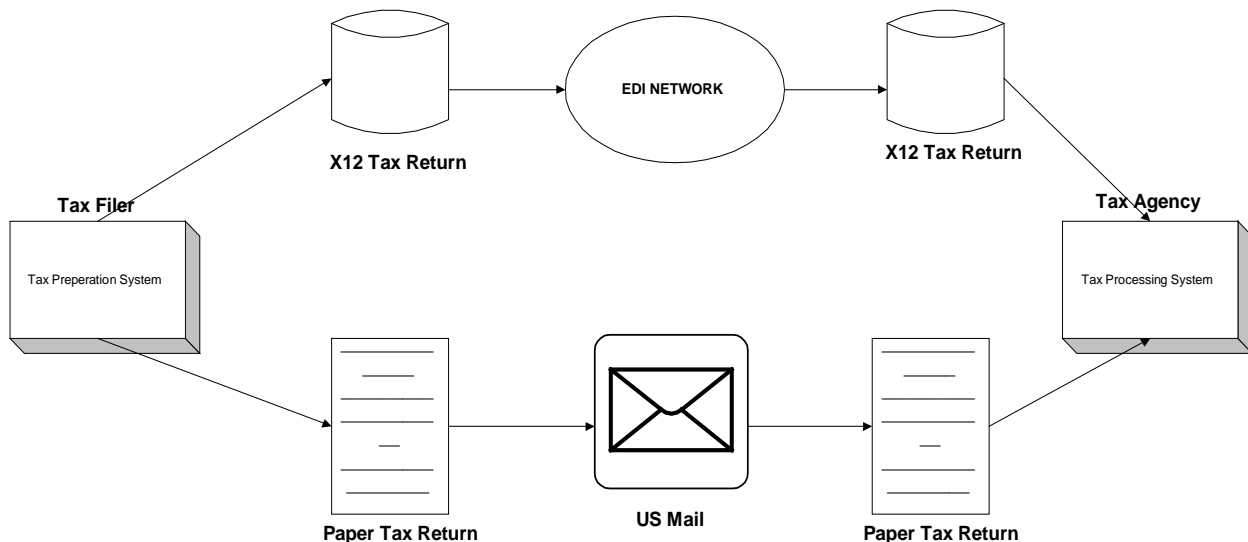
An EDI transmission is made up of one or more transaction sets, which is the term used to describe the electronic equivalent of a paper document (tax return, tax bill, etc). The data included in a transaction set conveys the same information as the conventional printed document. Entities trading EDI documents such as between a taxpayer and a state are called **trading partners.**

The Department will use the ANSI ASC X12 Version Release 004010 EDI Standards for the Gallonage Tax program. The standard EDI business document format to be used for the electronic filing of gallonage tax return data is the ANSI ASC X12 "Electronic Filing of Tax Return Data", called the transaction set 813. The Department will also utilize transaction sets 810 (Invoice) and 861 (Receiving Advice/Acceptance Certificate) for reporting the monthly sales and receipts of alcoholic beverages. The "**Functional Acknowledgment**", called the 997 transaction set, is used to acknowledge the receipt and validation of the 813, 810 and 861 for ANSI X12 **syntactic** correctness or error.

Flow of Data:

The Taxpayer enters Alcoholic Beverage Gallonage Tax Return. The information is then transmitted in the 813, 861, or 810 format from the taxpayer's computer to the directory assigned to the taxpayer on a server at KDOR (optionally passing through the taxpayer's service provider). Upon receipt and translation of the transaction sets, KDOR transmits the 997 to the taxpayer's directory for pickup acknowledging the receipt and syntactical correctness of the transaction sets.

2.1 Registration

Included with this guide is a Trading Partner Agreement, a Trading Partner Profile form and Request for Secure FTP Access.

The Trading Partner Agreement is to be completed, signed and returned to the Kansas Department of Revenue. These agreements are key documents setting forth the rights and obligations of the parties.

Please return the Trading Partner Agreement, Trading Partner Profile form and Request for Secure FTP Access to:

Email: carole.sadler@ks.gov
Fax # 785-296-0153

>   Carole Sadler, EDI Coordinator
>   Electronic Services Bureau
>   Kansas Department of Revenue
>   905 SW Jackson St
>   PO Box 3506
>   Topeka, KS 66601-3506

Receipt of the completed Trading Partner Agreement, Trading Partner Profile and Request for Secure FTP Access forms will establish registration of a taxpayer for filing through the EDI Program.

The Department recommends that all businesses participating in the EDI Program obtain a DUNs number from Dun & Bradstreet. The DUNs number is the most widely used "address" code in the world of EDI. The DUNs number will be used to identify your business. You can obtain a DUNs number at http://www.dnb.com.

2.2 Timely Filing

Moving from a paper filing to an electronic filing environment means that certain traditional methods of determining what constitutes the timely filing of a return and what will constitute proof of filing may be lost.

In order to ensure the timely filing of your return, the data must be transmitted and received by the Kansas Department of Revenue on or before the 15th of the following month per KSA 41-502. The check or EFT transactions must also be postmarked on or before the due date.

2.3 Weekends and Holidays

If a tax return/payment due date falls on a holiday or weekend, the return/payment must be made so that the return and payment are immediately available on the first business day after the holiday or weekend.

Timely returns are based on the date of acceptance of the electronic tax return by the Kansas Department of Revenue.

See the holiday schedules below to determine when you must initiate a transmission. Please note that financial institution holidays in your area may vary from the holiday schedule listed below.

If the holiday falls on Saturday, the Friday before is the observed state and federal holiday. If the holiday falls on Sunday, the Monday following is the observed state and federal holiday.

KDOR HOLIDAY SCHEDULE	
New Year's Day	January 1
Martin Luther King, Jr. Day	Third Monday in January
President's Day ~	Third Monday in February
Memorial Day	Last Monday in May
Independence Day	July 4
Labor Day	First Monday in September
Columbus Day ~	Second Monday in October
Veterans Day	November 11
Thanksgiving	Fourth Thursday in November
Christmas Day	December 25
~ Denotes Federal holiday only	

2.4 Acknowledgments (Transaction Set 997)

EDI requires the use of the **Functional Acknowledgment** Transaction Set (997). This acknowledgment is issued by the receiver's EDI "translation" software and acknowledges that the functional groups within the transmission were **syntactically** correct and moved to detail processing. It should be recognized that a functional acknowledgment does not indicate that the actual return is processable, just that it passed the requirements for a valid 813, 810 or 861 transaction set. Receipt of a 997 acknowledgment is your proof that the Department received your EDI transmission.

3. Testing Procedures

These are the steps you will need to follow for testing and approval of your EDI 810, 813 and 861 filings.

1. Contact EDI Coordinator to initiate testing phase.
2. Send first test files for transaction set 810, 813 and 861. Send a data file and hardcopy return (ABC-215).   We will review it to see that the EDI file and the hardcopy match gallons and tax, all transaction sets contain all required fields and follow correct filing procedures. This step is repeated until two returns/reports have passed all requirements.
3. Send second set of test files for all transaction sets with different data files than what was transmitted in test #1. We will follow the same procedures as in step 1 for review and approval.
4. Once step three is completed you will be approved to go to production filing. You will change the indicator in the file from "T(est)" to "P(roduction)". Do not mail your hardcopy tax return/reports.

4. Important Tips

- Do not round dollars (include cents).
- Decimal points must be included in money fields.
- Do not report fractions of gallons. Report whole gallons only.
- Designate the appropriate alcohol type on each form.
- Provide the necessary valid identification numbers on each form
- A transmission of a return must be received in the stipulated format in order for it to be considered a valid return.
- For a return to be timely filed under Chapter 41 of the Kansas Statues Annotated it must be received by Kansas Department of Revenue, in the stipulated format on or before, the filing due date. **See Timely Filing Section and Trading Partner Agreement for timely filing requirements.** Trading Partner Agreement is located after the appendices at the back of this guide.

5. Helpful Hints

The following Helpful Hints will assist you in providing complete and correct data on your return.

- Please provide complete information. Do not shorten names or cities unless an abbreviation is required.
- One original tax return per file.
- Please provide your e-mail address in the space provided on the Trading Partner Profile in order to facilitate effective communication.

- All 9 characters of the Federal Employers Identification Number (FEIN) are required on your return.
- Use the ITEM NUMBER (formerly known as UNIMERC) as displayed on the Kansas Active Brands Database https://www.kdor.ks.gov/apps/liquorlicensee/ActiveBrands/
- Zero tax returns are required for EDI filing, however zero tax payments are not allowed in the EFT (Electronic Funds Transfer) process.
- Any product reduced in cost for any reason, i.e. promotions, near expiration date, etc, will be reported for the actual amount it is sold.
- Keg deposits are a refundable fee, and therefore will not be reported.

6. Transaction Sets 813, 861 and 810 Mapping Requirements

Mapping requirements of the ASC X12 envelopes, 813, 861 and 810 transaction sets.

6.1 Separator Requirements

Type	ASCII Value	EBCDIC Value	Character
Segment Terminator	5C	E0	\
Element Separator	7E	A1	~
Sub element Separator	5E	5F	^
Padding Character	20	40	Space

6.2 Attribute Conventions

Attribute	Definition	
Data Element Type	Numeric	Numeric Type data element is symbolized by two-position representation (Nn). N indicates a numeric, and n indicates the decimal places to the right of a fixed, implied decimal point. N0 is numeric with no decimal places.
	Decimal (Real)	The decimal point is optional for integer values but is required for fractional or monetary values. For negative values the leading minus (-) sign is used.
	Identifier	An identifier data element must always contain a value from a predefined list of values that is maintained by ASC X12 or by other bodies that are recognized by ASC X12.
	String	A string (Alphanumeric) is a sequence of any character from the basic or extended character sets. It must contain at least one nonspace character. The significant characters must be left justified. Leading spaces, if any, are assumed to be significant. Trailing spaces should be suppressed.
	Date	Format for the date type is CCYYMMDD. CC is the century digits of the year (20), YY is last two digits of the year (00-99), MM is the numeric value of the month (01-12), and DD for the day (01-31).
	Time	Format for the time type is HHMMSSDD, expressed in 24-hour clock format. HH is the numeric value for hour (00-23), MM for minute (00-59), and SS for second (00-59) and DD for decimal second (D = tenths of a second (0-9), DD = hundredths of a second (00-99).
Requirement Designator	Defines how the data element is used in a segment. M - Mandatory data element - This element is required to appear in the segment. O - Optional data element - The appearance of this data element is at the option of the sending party or is based on a mutual agreement of the interchange parties. X - Relational data element - Relational conditions may exist between two or more data elements. If one is present the other(s) are required.	
Data Element Length	The number of character positions assigned to a data element. Example: data element length of 2/10. You must have at least 2 characters but no more than 10 characters for this element (minimum of 2 and maximum of 10). Note: Kansas Gallonage Tax 813 data element length may want more than the 813 standard minimums and/or less than the 813 standards maximums but they do fall within the valid ranges for the data length.	

7. Transaction Set 813 Segment Structure

ISA   Interchange Control Header
GS   Functional Group Header
ST   Transaction Set Header
BTI   Beginning Tax Information
DTM   Date/Time Reference
TIA   Tax and Information Amount

N1 LOOP   **5 Max**
N1   Name
N2   Additional Name Information
N3   Address Information
N4   Geographic Location
PER   Administrative Communications Contact

TFS LOOP   **100,000 Max**
TFS   Tax Form
REF   Reference Identification
DTM   Date/Time Reference
MSG   Message Text

N1 LOOP   **5 Max**
N1   Name
N3   Address Information
N4   Geographic Location

FGS LOOP   **100,000 Max**
FGS   Form Group
REF   Reference Identification
DTM   Date/Time Reference

TIA LOOP   **10,000 Max**
TIA   Tax and Information Amount

SE   Transaction Set Trailer
GE   Functional Group Trailer
IEA   Interchange Control Trailer

7.1 Transaction 813 (Gallonage Tax Return) Mapping Requirements

INTERCHANGE CONTROL HEADER :: ISA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
ISA01	I01	Authorization Information Qualifier	ID M 2/2	"00"	No authorization data
ISA02	I02	Authorization Information	AN M 10/10	" "	Spaces
ISA03	I03	Security Information Qualifier	ID M 2/2	"00"	Indicates no security data
ISA04	I04	Security Information	AN M 10/10	" "	Spaces
ISA05	I05	Interchange ID Qualifier	ID M 2/2	"01"	Sender DUNs Number Qualifier
ISA06	I06	Interchange Sender ID	AN M 15/15		Senders DUNs Number (plus 6 spaces)
ISA07	I05	Interchange ID Qualifier	ID M 2/2	"01"	Dept. of Revenue DUNs Number Qualifier
ISA08	I07	Interchange Receiver ID	AN M 15/15	"835107079"	Dept. of Revenue DUNs Number (plus 6 spaces)
ISA09	I08	Interchange Date	DT M 6/6	YYMMDD	Date Interchange sent
ISA10	I09	Interchange Time	TM M 4/4	HHMM	Time Interchange sent
ISA11	I10	Interchange Control Standards Identifier	ID M 1/1	"U"	USA Standard
ISA12	I11	Interchange Control Version Number	ID M 5/5	"00401"	Standard Version
ISA13	I12	Interchange Control Number	N0 M 9/9		Interchange Control Number (Generated by Sender) (**same as IEA02**)
ISA14	I13	Acknowledgment Requested	ID M 1/1	"0"	0 = No acknowledgement required
ISA15	I14	Test Indicator	ID M 1/1	"T" or "P"	Indicates **TEST** data transmitted Indicates **PRODUCTION** data transmitted
ISA16	I15	Subelement Separator	AN M 1/1	"^"	Subelement Separator

ISA~00~ ~00~ ~01~111111111 ~01~835107079
~190109~0947~U~00401~000000001~0~T~^\

FUNCTIONAL GROUP HEADER :: GS

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
GS01	479	Functional Identifier Code	ID M 2/2	"TF"	Indicate Tax Filing
GS02	142	Application Sender's Code	AN M 9/9		Sender's DUNs Number
GS03	124	Application Receiver's Code	AN M 9/9	"835107079"	Dept. of Revenue DUNs Number
GS04	373	Date	DT M 8/8	YYYYMMDD	Functional Group Creation Date
GS05	337	Time	TM M 4/8	HHMMSSDD	Functional Group Creation Time
GS06	28	Group Control Number	N0 M 1/9		Group Control Number (Generated by Sender) **(Same As GE02)**
GS07	455	Responsible Agency Code	ID M 1/2	"X"	Indicate ASC X12
GS08	480	Version/Release/ Industry/Identifier Code	AN M 1/12	"004010"	Standards Version being used

GS~TF~111111111~835107079~20190109~0947~1~X~004010\

TRANSACTION SET HEADER :: ST

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
ST01	143	Transaction Set Identifier	ID M 3/3	"813"	Transaction Set Number
ST02	329	Transaction Set Control Number	AN M 4/9		Defined by Taxpayer (**Same as SE02)**

ST~813~000000001\

BEGIN TAX INFORMATION SEGMENT :: BTI

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
BTI01	128	Reference Number Qualifier	ID M 2/2	"T6"	Tax Return Filing
BTI02	127	Reference Number	AN M 3/3	"060"	060 = Tax Type Code for Alcoholic Beverage Taxes
BTI03	66	ID Code Qualifier	ID M 2/2	"47"	47 = Tax Authority
BTI04	67	ID Code	AN M 2/2	"KS"	KS = Kansas Dept. of Revenue
BTI05	373	Transaction Creation Date	DT O 8/8	CCYYMMDD	Transmission Date
BTI06	818	Name Control ID	AN O 4/4		NOT USED
BTI07	66	ID Code Qualifier	ID M 2/2	"24"	24 = FEIN Federal Employer Identification Number
BTI08	67	ID Code	AN M 9/9		FEIN
BTI09	66	ID Code Qualifier	ID M 2/2		NOT USED
BTI10	67	ID Code	AN M 2/2		NOT USED
BTI11	66	ID Code Qualifier	ID M 2/2		NOT USED
BTI12	67	ID Code	AN M 2/2		NOT USED
BTI13	353	Transaction Set Purpose Code	ID M 2/2		00 = Original 05 = Replace

BTI~T6~060~47~KS~20190109~~24~999999999~~~~~00\

DATE/TIME REFERENCE SEGMENT :: DTM

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
DTM01	374	Date/Time Qualifier	ID M 3/3	"270"	270 = Date Filed
DTM02	373	Date	DT X 8/8	CCYYMMDD	File Date

DTM~270~20190109\

DATE/TIME REFERENCE SEGMENT :: DTM

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
DTM01	374	Date/Time Qualifier	ID M 3/3	"194"	194 = Tax Period End Date
DTM02	373	Date	DT X 8/8	CCYYMMDD	Period End Date: The actual last day of the tax period

DTM~194~20181231\

TAX INFORMATION AND AMOUNT SEGMENT::TIA TAX AMOUNT DUE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
TIA01	817	Tax Information Code	AN M 4/4	"6000"	6000 = Tax Amount Due
TIA02	782	Monetary Amount	R X 1/11		Total Tax Amount Due

TIA~6000~114.50\

NAME SEGMENT :: N1

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N101	98	Entity Identification	ID M 2/2	"TP"	TP = Taxpayer Name
N102	93	Name	AN X 1/41		Taxpayer Name

N1~TP~BEER CO. USA\

ADDRESS INFORMATION SEGMENT :: N3

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N301	166	Address Information	AN M 1/55		First Line of Street Address
N302	166	Address Information	AN O 1/40		Second Line of Street Address

N3~PO BOX 66614\

GEOGRAPHIC INFORMATION SEGMENT :: N4

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N401	19	City Name	AN X 2/30		Postal Mailing City
N402	156	State Code	ID O 2/2		Postal Mailing State
N403	116	Zip Code	ID O 5/11		Postal Mailing Zip Code

N4~TOPEKA~KS~66601\

CONTACT FOR TAX QUESTIONS SEGMENT :: PER

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
PER01	366	Contact Function Code	ID M 2/2	"CN" "EA"	CN = General Contact EA = EDI Coordinator
PER02	93	Name	AN O 1/35		Contact Name
PER03	365	Communications Number Qualifier	ID X 2/2	"TE"	TE = Telephone Number
PER04	364	Communications Number	AN X 10/14		Contact Telephone Number
PER05	365	Communications Number Qualifier	ID X 2/2	"FX"	FX = Fax Number
PER06	364	Communications Number	AN X 10/10		Contact Fax Number
PER07	365	Communications Number Qualifier	ID X 2/2	"EM"	Electronic Mail
PER08	364	Communications Number	AN X 1/80		E-Mail Address

PER~CN~JOE
PREPARER~TE~3162445545~FX~3162445706~EM~JPREPARER@BCU.COM\

Use this TFS loop to report the amounts for the Distributors' Gallonage Tax Return. Repeat the FGS loop for each product reported.

Begin TFS Loop

TAX FORM SEGMENT :: TFS

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
TFS01	128	Reference Identification Qualifier	ID M 2/2	"T2"	T2 = Tax Form Code
TFS02	127	Reference Identification	AN M 8/8	"KSABG LNT"	KSABGLNT = Kansas ABC Gallonage Tax Return

TFS~T2~KSABGLNT\

MESSAGE TEXT SEGMENT::MSG – Optional

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
MSG01	933	Free-Form Message Text	AN O 1/80		Free-Form Text

MSG~USE THIS SEGMENT TO ADVISE KDOR OF INFORMATION FOR THIS TAX RETURN\

Begin FGS Loop

In the case of zero amounts, they must be reported for each of the respective product types and TIA codes.

FORM GROUP SEGMENT::FGS

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
FGS01	350	Assigned Identification	AN M 1/1	"G"	G = Gallonage Tax Return
FGS02	128	Reference Identification Qualifier	ID M 2/2	"PG"	PG = Product Group
FGS03	127	Reference Identification	AN X 2/2	"AS" "FW" "LW" "SB" "WB" "WF" "SF"	AS = Alcohol/Spirits FW = Fortified Wine LW = Light Wine SB = Strong Beer WB = Weak Beer WF = Flavored Malt Beverage - Weak SF = Flavored Malt Beverage - Strong

FGS~G~PG~AS\

TAX INFORMATION AND AMOUNT SEGMENT:: TIA FOR PRODUCT RECEIVED

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
TIA01	817	Tax Information Code	AN M 4/4	"6001" "6002" "6003"	6001 = Quantity of Taxable Product Received 6002 = Out of State Transfers including Military Non Taxable (Spirits only) 6003 = Other Non Taxable (Breakage and Spoilage)
TIA02	782	Authorization Information	R X 1/8		Not Used
TIA03	449	Fixed Format Information	AN M 2/3		Not Used
TIA04	380	Quantity	R X 1/7		Quantity Subject to Gallonage Tax (Use Whole Gallons Only)
TIA05	355	Unit or Basis of Measurement Code	ID X 2/2	"GA"	GA = Gallons
TIA06	954	Percent	R X 1/10		Gallonage Tax Rate
TIA07	782	Monetary Amount	R X 1/11		Gallonage Tax Amount (Include cents)

TIA~6002~~~1526~GA~0.405~114.50\

End of FGS Loop
End of TFS Loop

7.2 Envelope Trailer Segments

TRANSACTION SET TRAILER SEGMENT:: SE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
SE01	96	Number of Include Segments	N0 M 1/10		Count of Segments within this 813
SE02	329	Transaction Set Control Number	AN M 4/9		Same as in ST segment

SE~155~000000001\

FUNCTIONAL GROUP TRAILER SEGMENT:: GE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
GE01	97	Number of Include Transaction Sets	N0 M 1/6		Count of Transaction Sets within this GS/SE
GE02	28	Group Control Number	N0 M 1/9		Same as in GS segment.

GE~1~1\

INTERCHANGE CONTROL TRAILER SEGMENT:: IEA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
IEA01	I16	Number of Functional Groups	N0 M 1/5		Count of Functional Groups within this ISA/IEA
IEA02	I12	Interchange Control Number	N0 M 9/9		Same as in ISA segment.

IEA~1~000000001\

7.3 Transaction Set 813 Example Mapping

Note: The following is to illustrate an example mapping and is not necessarily inclusive of all possible data elements. Please refer to the map for all data elements included in the Kansas Department of Revenue mapping.

1. The ISA segment is made of identifiers that tell the EDI software who is filing the return. Think of it as an envelope containing the address information. 444651117 = the DUNS number of the company filing the return
2. TF = tax filing. Application Senders code = the DUNS number of the company filing the return; Application Receivers code = 835107079 (Kansas Dept. of Revenue DUNS number)
3. 813 = the type of EDI transaction set in use. EDI transaction sets range from (813) electronic filing of tax return data to (303) booking cancellation (ocean)
4. 060 = an alcohol beverage return. 00 = Original return
5. The DTM-270 segment would contain the date the tax return was filed
6. The DTM-194 segment contains the tax period end date
7. The grand total for the return
8. The business name
9. The business street address
10. The business city and state
11. Contact name, telephone number, Fax number and E-mail address
12. Identifies Tax Form ABC Tax Return (KSABGLNT)
13. Message Text segment – used to communicate additional information about the return
14. Identifies the following segment as the Light Wine (LW) tax amount. Other identifiers: FW (Fortified Wine), AS (Alcohol/Spirits), SB (Strong Beer), WB (Weak Beer), SF (Flavored Malt Beverage – Strong), WF (Flavored Malt Beverage – Weak),
15. Military Non Taxable Amount (Spirits only) (6002)
16. Other Non Taxable Amount (6003)

18-20 Trailer Segments

1. ISA~00~   ~00~   ~01~444651117   ~01~835107079 ~190109~0947~U~00401~000000001~0~T~^\
2. GS~TF~444651117~835107079~20190109~0947~1~X~004010~\
3. ST~813~000000001\
4. BTI~T6~060~47~KS~20060731~~24~999999999~~~~~00\
5. DTM~270~20190109\
6. DTM~194~20181231\
7. TIA~6000~114.50
8. N1~TP~BEER CO. USA\
9. N3~PO BOX 66614\
10. N4~TOPEKA~KS~66601\

11. PER~CN~JOE
PREPARER~TE~3162445545~FX~3162445706~EM~JPREPARER@BCU.COM\
12. TFS~T2~KSABGLNT\
13. MSG~USE THIS SEGMENT TO ADVISE KDOR OF INFORMATION FOR THIS
TAX RETURN\
14. FGS~G~PG~LW\
15. TIA~6001~~~2053~GA~0.30~615.90\
16. TIA~6002~~~1526~GA~0.30~457.80\
17. TIA~6003~~~987~GA~0.30~296.10\
18. SE~17~000000001\
19. GE~1~1\
20. IEA~1~000000001\

The following is a basic looping structure of 813 EDI gallonage reporting:
1   FGS~G~PG~LW
2   TIA~6001~~~2053~GA~0.30~615.90\
3   TIA~6002~~~1526~GA~0.30~457.80\
4   TIA~6003~~~987~GA~0.30~296.10\

LEGEND:

1.)	FGS	= EDI Standard that allows reporting by group (FGS=Form Group Segment)
	G	= Gallonage Tax Return
	PG	= Product Group
	LW	= Light Wine; Other codes: AS = Alcohol/Spirits; FW = Fortified Wine; SB = Strong Beer; WB = Weak Beer; SF = Flavored Malt Beverage – Strong; WF = Flavored Malt Beverage – Weak;
2.)	TIA	= EDI Standard indicating the tax/information amount (TIA)
	6001	= Identification Code indicating quantity of taxable product received
	2053	= Quantity Received
	GA	= Gallons
	.30	= Tax Rate
	615.90	= Tax Due
3.)	TIA	= EDI Standard indicating the tax/information amount (TIA)
	6002	= Indicates Military Non Taxable (Spirits only)
	1526	= Quantity Sold
	GA	= Gallons
	.30	= Tax Rate
	457.80	= Tax Due
4.)	TIA	= EDI Standard indicating the tax/information amount (TIA)
	6003	= Indicates Other Non Taxable
	987	= Quantity Sold
	GA	= Gallons
	.30	= Tax Rate
	296.10	= Tax Due

8. Transaction Set 861 Segment Structure

ISA	Interchange Control Header	
GS	Functional Group Header	
ST	Transaction Set Header	**1**
BRA	Beginning Segment for Receiving Advice or Acceptance Certificate	**1**
DTM	Date Time Reference Segment	**10**
	N1 LOOP	**200 Max**
N1	Name	**1**
	RCD LOOP	**200,000 Max**
RCD	Receiving Conditions	**1**
LIN	Item Indentification	**100**
PID	Product/Item Description	**1000**
PO4	Item Physical Details	**100**
CTT	Transaction Totals	**1**
SE	Transaction Set Trailer	
GE	Functional Group Trailer	
IEA	Interchange Control Trailer	

8.1 Transaction Set 861 (Receiving Advice/Acceptance Certificate) Mapping Requirements

INTERCHANGE CONTROL HEADER :: ISA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
ISA01	I01	Authorization Information Qualifier	ID M 2/2	"00"	No authorization data
ISA02	I02	Authorization Information	AN M 10/10	" "	Spaces
ISA03	I03	Security Information Qualifier	ID M 2/2	"00"	Indicates no security data
ISA04	I04	Security Information	AN M 10/10	" "	Spaces
ISA05	I05	Interchange ID Qualifier	ID M 2/2	"01"	Sender DUNS Number Qualifier
ISA06	I06	Interchange Sender ID	AN M 15/15		Senders DUNS Number (plus 6 spaces)
ISA07	I05	Interchange ID Qualifier	ID M 2/2	"01"	Dept. of Revenue DUNS Number Qualifier
ISA08	I07	Interchange Receiver ID	AN M 15/15	"835107079 "	Dept. of Revenue DUNS Number (plus 6 spaces)
ISA09	I08	Interchange Date	DT M 6/6	YYMMDD	Date Interchange sent
ISA10	I09	Interchange Time	TM M 4/4	HHMM	Time Interchange sent
ISA11	I10	Interchange Control Standards Identifier	ID M 1/1	"U"	USA Standard
ISA12	I11	Interchange Control Version Number	ID M 5/5	"00401"	Standard Version
ISA13	I12	Interchange Control Number	N0 M 9/9		Interchange Control Number (Generated by Sender) **(same as IEA02)**
ISA14	I13	Acknowledgment Requested	ID M 1/1	"0"	0 = No acknowledgement required
ISA15	I14	Test Indicator	ID M 1/1	"T" or "P"	**TEST** data **PRODUCTION** data
ISA16	I15	Subelement Separator	AN M 1/1	"^"	Subelement Separator

ISA~00~ ~00~ ~01~1111111111 ~01~835107079
~190109~0947~U~00401~000000004~0~T~^\

FUNCTIONAL GROUP HEADER :: GS

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
GS01	479	Functional Identifier Code	ID M 2/2	"RC"	RC = indicates Receiving Advice/Acceptance Certificate
GS02	142	Application Sender's Code	AN M 9/9		Sender's DUNS Number
GS03	124	Application Receiver's Code	AN M 9/9	"835107079"	Dept. of Revenue DUNS Number
GS04	373	Date	DT M 8/8	YYYYMMDD	Functional Group Creation Date
GS05	337	Time	TM M 4/8	HHMMSSDD	Functional Group Creation Time
GS06	28	Group Control Number	N0 M 1/9		Group Control Number (Generated by Sender) **(Same As GE02)**
GS07	455	Responsible Agency Code	ID M 1/2	"X"	Indicate ASC X12
GS08	480	Version/Release/ Industry/Identifier Code	AN M 1/12	"004010"	Standards Version being used

GS~RC~111111111~835107079~20190109~0947~4~X~004010\

TRANSACTION SET HEADER :: ST

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
ST01	143	Transaction Set Identifier	ID M 3/3	"861"	Transaction Set Number
ST02	329	Transaction Set Control Number	AN M 4/9		Defined by Taxpayer **(Same as SE02)**

ST~861~000000001\

BEGINNING SEGMENT FOR RECEIVING ADVICE OR ACCEPTANCE CERTIFICATE :: BRA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
BRA01	127	Reference Identification	AN M 1/15		Purchase Order Number
BRA02	373	Date	DT M 8/8	CCYYMMDD	Purchase Order Date
BRA03	353	Transaction Set Purpose Code	AN M 2/2	"00" "04" "05"	00 = Original 04 = Change 05 = Replace
BRA04	962	Receiving Advice or Acceptance Certificate Type Code	ID M 1/1	"8"	8 = Acceptance Certificate
BRA05	337	Time	TM M 4/8		Not Used
BRA06	412	Receiving Condition Code	ID O 2/2		Not Used
BRA07	306	Action Code	ID M 2/2	"6 " "R6"	6 = Product Received R6 = Intrastate Transfer (Distributor to Distributor)

BRA~567899~20181217~00~8~~~R6\

DATE/TIME REFERENCE SEGMENT :: DTM

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
DTM01	374	Date/Time Qualifier	ID M 3/3	"008"	008 = Purchase Order Received
DTM02	373	Date	DT X 8/8	CCYYMMDD	Received Date

DTM~008~20181218\

DATE/TIME REFERENCE SEGMENT :: DTM

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
DTM01	374	Date/Time Qualifier	ID M 3/3	"582"	582 = Report Period
DTM02	373	Date	DT X 8/8	CCYYMMDD	Report Period Date: The actual last day of the report period

DTM~582~20181231\

NAME SEGMENT:: N1

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N101	98	Entity Identification	ID M 2/2	"BY"	BY = Buyer Name
N102	93	Name	AN X 1/41		Buyer Name
N103	66	Identification Code Qualifier	ID M 2/2	"FI"	FI = Federal Taxpayer Identification Number
N104	67	Identification Code	AN X 9/9		FEIN

N1~BY~AMERICAN BEVERAGE CORP~FI~999999999\

KANSAS LICENSED DISTRIBUTORS THAT ARE VENDORS (SELLERS) MUST BE REPORTED USING FEIN.

NAME SEGMENT:: N1

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N101	98	Entity Identification	ID M 2/2	"VN"	VN = Vendor (Seller) Name
N102	93	Name	AN X 1/41		Vendor Name
N103	66	Identification Code Qualifier	ID M 2/2	"SL" "FI"	SL = Supplier Permit Number FI = Federal Taxpayer Identification Number of Licensed Kansas Distributor
N104	67	Identification Code	AN X 9/11		Supplier Permit Number or FEIN of Licensed Kansas Distributor, Farm Winery, Manufacturer, Microbrewery and/or Microdistrillery

N1~VN~AMERICAN BEVERAGE VENDOR CORP~FI~987654321\

RECEIVING CONDITIONS SEGMENT::RCD

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
RCD01	350	Assigned Identification	AN M 1/20		Line Item Number
RCD02	663	Quantity Units Received or Accepted	R X 1/7		Quantity Received
RCD03	355	Unit or Basis of Measurement Code	ID X 2/2	"EA" "PK" "CA" "KE" "BR" "CP" "VP"	EA = Each PK = Pack CA = Case KE = Keg BR = Barrel CP = Combo Pack VP = Value Added Pack

RCD~4~120~CA\

ITEM IDENTIFICATION::LIN

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
LIN01	350	Assigned Identification	AN O 1/20		Not Used
LIN02	235	Product/Service ID Qualifier	ID M 2/2	"IT"	IT = ITEM NUMBER
LIN03	234	Product/Service ID	AN M 8/8		*See Active Brands Database https://www.kdor.ks.gov/apps/liquorlicensee/ActiveBrands/
LIN04	235	Product/Service ID Qualifier	ID O 2/2	"UK"	UK = GTIN/SCC/UPCA
LIN05	234	Product/Service ID	AN X 14/14		
LIN06	235	Product/Service ID Qualifier	ID O 2/2	"IN"	IN = Buyer's Item Number
LIN07	234	Product/Service ID	AN X 1/14		
LIN08	235	Product/Service ID Qualifier	ID O 2/2	"VN"	VN = Vendor (Seller) Item Number
LIN09	234	Product/Service ID	AN X 1/14		

LIN~~IT~036846XZ~UK~10070430653811~IN~1628~VN~6662424\

PRODUCT ITEM DESCRIPTION :: PID

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
PID01	349	Item Description Type	ID M 1/1	"F"	F = Free Form Text Description
PID02	750	Product/Process Characteristic Code	ID O 2/3		Not Used
PID03	559	Agency Qualifier Code	ID O 2/2		Not Used
PID04	751	Product Description Code	AN O 1/12		Not Used
PID05	352	Description	AN M 1/30		Product Description

PID~F~~~~SMOOTH LIGHTNIN' 360\

Item Physical Details :: PO4

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
PO401	356	Pack	N0 M 1/6		Number of Containers in a Pack
PO402	357	Size	R M1/7		Unit Size **Note**: Fractional amounts must be reported to the hundredths of an ounce (two decimal places). ***** Example: 750 ml item would be reported as 25.60 oz ***** = Exception to the above rule: to report a unit size of 1/8 or 1/6 barrel (BR), use .125 for 1/8 barrel and .167 for 1/6 barrel. **Note:** Items unit size and measure must be reported as registered by Supplier with the State of Kansas. Example: Item brand registered as 500 ML can not be reported as .5 LT
PO403	355	Unit of Measurement	ID M 2/2	"OZ" "QT" "GA" "LT" "ML" "PT" "BR"	Unit of Measure OZ = Ounce QT = Quart GA = Gallon LT = Liter ML = Milliliter PT = Pint BR = Barrel

PO4~24~375~ML\

TRANSACTION TOTALS SEGMENT :: CTT

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
CTT01	354	Number of Line Items	N0 M 1/6		Number of Line Items (RCD segments) in the transaction set

CTT~1\

TRANSACTION SET TRAILER SEGMENT :: SE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
SE01	96	Number of Include Segments	N0 M 1/10		Count of Segments within this 861
SE02	329	Transaction Set Control Number	AN M 4/9		Same as in ST segment

SE~155~000000001\

FUNCTIONAL GROUP TRAILER SEGMENT :: GE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
GE01	97	Number of Included Transaction Sets	N0 M 1/6		Count of Transaction Sets within this GS/SE
GE02	28	Group Control Number	N0 M 1/9		Same as in GS segment.

GE~1~1\

INTERCHANGE CONTROL TRAILER SEGMENT :: IEA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
IEA01	I16	Number of Functional Groups	N0 M 1/5		Count of Functional Groups within this ISA/IEA
IEA02	I12	Interchange Control Number	N0 M 9/9		Same as in ISA segment.

IEA~1~000000001\

8.2 Transaction Set 861 Example Mapping

1. ISA~00~   ~00~   ~01~007991623   ~01~835107079
~190109~1536~U~00401~000000004~0~T~^\
2. GS~RC~007991623~835107079~20190109~1536~4~X~004010\
3. ST~861~0001\
4. BRA~56799~20181217~00~8\
5. DTM~008~20181218\
6. DTM~582~20181231\
7. N1~BY~AMERICAN BEVERAGE CORPORATION~FI~18181818181\
8. N1~VN~BARTON BRANDS, LTD~SL~19001300076\
9. RCD~1~120~CA\
10. LIN~~IT~053684AW~UK~10080660411306~IN~2102-13~VN~252596TEARS\
11.PID~F~~~~BARTON GIN\
12.PO4~24~375~ML\
13.CTT~1\
14.SE~11~0001\
15.GE~1~4\
16.IEA~1~000000004\

1. The ISA segment is used to identify an interchange. The ISA segment is basically made of identifiers that tell the EDI software who is filing the return. Think of it as an envelope containing the address information. 007991623 = the DUNS number of the company filing the return.
2. The GS segment is used to identify a functional group. In this case: RC = receiving advice/acceptance certificate. 007991623 = the application senders code and 835107079 = the application receivers code.
3. The ST segment is used to identify the start of a transaction set. 861 = the type of EDI transaction set in use. EDI transaction sets range from a receiving advice/acceptance certificate (861) to booking cancellation (ocean) (303).
4. The BRA segment identifies the beginning of a receiving advice/acceptance certificate and transmits an identifying number and date. The BRA segment would contain the purchase order number (56799) and the purchase order date (20181217). 00 = the transaction set purpose code, in this case, original. 8 = the receiving advice/acceptance certificate purpose code, in this case, acceptance certificate.
5. A DTM segment specifies pertinent dates. This date segment with the 008 qualifier is to report the date the purchase order was received (20181218).
6. An N1 segment is used to identify a party by name and code. BY = purchaser name and FI = FEIN.
7. An N1 segment is used to identify a party by name and code. VN = vendor name and SL = state license number.
8. The RCD segment is used to report receiving conditions. 1 = Line item number. 120 = Quantity of units received. CA = Cases.
9. The LIN segment is used to specify item identification information. IT = User defined shipping container identifier (ITEM NUMBER for KDOR'S purpose). UK =GTIN/SCC/UPCA. IN = Buyer's item number. VN = Vendor item number.
10. The PID segment is used to describe a product in a free form format. F = Free form text description of item referenced above in the LIN segment.
11. The PO4 segment is used to provide the physical qualities, packaging and dimensions relating to an item. 24 = Number of containers in a pack. 375 = size of container. ML = Unit of measurement.
12. The CTT segment is used to report the number of line item (RCD) segments in this transaction set.
13. The SE segment reports the number of included segments (10) in this transaction set including the ST and SE segments and the segment control number (0001).
14. The GE segment consists of two parts: 1 = the number of transaction sets included and 4 = group control number.
15. The IEA segment consists of two parts: 1 = the number of segments included and 000000004 = the interchange control number.

9. Transaction Set 810 Segment Structure

ISA	Interchange Control Header	
GS	Functional Group Header	
ST	Transaction Set Header	**1**
BIG	Beginning Segment for Invoice	**1**
	N1 LOOP	**200 Max**
N1	Name	**1**
	IT1 LOOP	**200,000 Max**
IT1	Invoice	**1**
PID LOOP		**1,000 Max**
PID	Product/Item Description	**1**
PO4	Item Physical Details	**>1**
TDS	Total Monetary Value Summary	**1**
CTT	Transaction Totals	**1**
SE	Transaction Set Trailer	
GE	Functional Group Trailer	
IEA	Interchange Control Trailer	

>1= Unlimited occurrences

9.1 Transaction Set 810 (Invoice) Mapping Requirements

INTERCHANGE CONTROL HEADER :: ISA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
ISA01	I01	Authorization Information Qualifier	ID M 2/2	"00"	No authorization data
ISA02	I02	Authorization Information	AN M 10/10	" "	Spaces
ISA03	I03	Security Information Qualifier	ID M 2/2	"00"	Indicates no security data
ISA04	I04	Security Information	AN M 10/10	" "	Spaces
ISA05	I05	Interchange ID Qualifier	ID M 2/2	"01"	Sender DUNS Number Qualifier
ISA06	I06	Interchange Sender ID	AN M 15/15		Senders DUNS Number (plus 6 spaces)
ISA07	I05	Interchange ID Qualifier	ID M 2/2	"01"	Dept. of Revenue DUNS Number Qualifier
ISA08	I07	Interchange Receiver ID	AN M 15/15	"835107079"	Dept. of Revenue DUNS Number (plus 6 spaces)
ISA09	I08	Interchange Date	DT M 6/6	YYMMDD	Date Interchange sent
ISA10	I09	Interchange Time	TM M 4/4	HHMM	Time Interchange sent
ISA11	I10	Interchange Control Standards Identifier	ID M 1/1	"U"	USA Standard
ISA12	I11	Interchange Control Version Number	ID M 5/5	"00401"	Standard Version
ISA13	I12	Interchange Control Number	N0 M 9/9		Interchange Control Number (Generated by Sender) (**same as IEA02)**
ISA14	I13	Acknowledgment Requested	ID M 1/1	"0"	0 = No acknowledgement required
ISA15	I14	Test Indicator	ID M 1/1	"T" or "P"	**TEST** data **PRODUCTION** data
ISA16	I15	Subelement Separator	AN M 1/1	"^"	Subelement Separator

ISA~00~   ~00~   ~01~111111111   ~01~835107079
~190109~0947~U~00401~000000001~0~T~^\

FUNCTIONAL GROUP HEADER :: GS

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
GS01	479	Functional Identifier Code	ID M 2/2	"IN"	IN = Invoice Information
GS02	142	Application Sender's Code	AN M 9/9		Sender's DUNs Number
GS03	124	Application Receiver's Code	AN M 9/9	"835107079"	Dept. of Revenue DUNS Number
GS04	373	Date	DT M 8/8	YYYYMMDD	Functional Group Creation Date
GS05	337	Time	TM M 4/8	HHMMSSDD	Functional Group Creation Time
GS06	28	Group Control Number	N0 M 1/9		Group Control Number (Generated by Sender) **(Same As GE02)**
GS07	455	Responsible Agency Code	ID M 1/2	"X"	Indicate ASC X12
GS08	480	Version/Release/ Industry/Identifier Code	AN M 1/12	"004010"	Standards Version being used

GS~IN~111111111~835107079~20190109~0947~1~X~004010\

TRANSACTION SET HEADER :: ST

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
ST01	143	Transaction Set Identifier	ID M 3/3	"810"	Transaction Set Number
ST02	329	Transaction Set Control Number	AN M 4/9		Defined by Taxpayer (**Same as SE02**)

ST~810~000000001\

BEGINNING SEGMENT FOR INVOICE :: BIG

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
BIG01	373	Date	DT M 8/8	CCYYMMDD	Invoice Date
BIG02	76	Invoice Number	AN M 1/14		Invoice Number
BIG03	373	Date	DT O 8/8	CCYYMMDD	Purchase Order Date
BIG04	324	Purchase Order Number	AN O 1/14		Purchase Order Number
BIG05	328	Release Number	AN O 1/30		Not Used
BIG06	327	Change Order Seq Number	AN O 1/8		Not Used
BIG07	640	Transaction Type Code	ID M 2/2	"CN" "DI"	CN = Credit Invoice DI = Debit Invoice
BIG08	353	Transaction Set Purpose Code	ID M 2/2	"00" "04" "05"	00 = Original 04 = Change 05 = Replace
BIG09	306	Action Code	ID M 2/2	"67" "Z " "RA" "R6" "PR"	67 = Product Sold Z = Out of State Transfer including Military Non-Taxable for Spirits only RA = Breakage/Spoilage & Shrinkage R6 = Intrastate Transfer PR = Samples

BIG~20181210~0016503401~20181208~0010023450~~~CN~00\

Kansas Licensed Distributors that are buyers are reported using FEIN

NAME SEGMENT:: N1

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N101	98	Entity Identification	ID M 2/2	"BY"	BY = Buyer Name
N102	93	Name	AN X 1/41		Buyer Name
N103	66	Identification Code Qualifier	ID M 2/2	"SL" "ZZ" "FI"	SL = State License Number or Supplier Permit Number ZZ = Universal License # (See below for CMB Universal License #) FI = Federal Taxpayer Identification Number of Licensed Kansas Distributor
N104	67	Identification Code	AN X 11/11		State License or Permit Number (Access these numbers at https://www.kdor.ks.gov/apps/liquorlicensee/) **Note: Use the Universal License Numbers listed below when reporting the following:** Breakage 99000000001 Military Non-Taxable (Spirits only) 99000000002 Military Taxable Sales 99000000003 Spoilage 99000000004 CMB 99XXX000005 (XXX = County Designation Code Found in Appendix B.) Shrinkage 99000000006 Samples 99000000007

N1~BY~AMERICAN BEVERAGE CORP~SL~12345678901\

NAME SEGMENT:: N1

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
N101	98	Entity Identification	ID M 2/2	"VN"	VN = Vendor (Seller) Name
N102	93	Name	AN X 1/41		Vendor Name
N103	66	Identification Code Qualifier	ID M 2/2	"FI"	FI = Federal Taxpayer Identification Number
N104	67	Identification Code	AN X 9/9		FEIN

N1~VN~AMERICAN BEVERAGE VENDOR CORP~FI~987654321\

DATE/TIME REFERENCE SEGMENT :: DTM

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
DTM01	374	Date/Time Qualifier	ID M 3/3	"582"	582 = Report Period
DTM02	373	Date	DT X 8/8	CCYYMMDD	Report Period Date: The actual last day of the report period

DTM~582~20191231\

INVOICE ITEM DATA ::IT1

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
IT101	350	Assigned Identification	AN O 1/20		Line Number
ITI02	358	Quantity Invoiced	R X 1/7		Quantity Invoiced
IT103	355	Unit or Basis of Measurement Code	ID X 2/2	"EA" "PK" "CA" "KE" "BR" "CP" "VP"	EA = Each PK = Pack CA = Case KE = Keg BR = Barrel CP = Combo Pack VP = Value Added Pack
IT104	212	Unit Price	R O 1/10		Unit Price (Must be reported for all retail sales)
IT105	639	Basis of Unit Price	ID O 2/2		Not Used
IT106	235	Product/Service ID Qualifier	ID M 2/2	"IT"	*See ABC Website (https://www.kdor.ks.gov/apps/liquorlicensee/)
IT107	234	Product/Service ID	AN M 8/8		
IT108	235	Product/Service ID	ID O 2/2	"UK"	UK = SCC/GTIN/UPCA
IT109	234	Product/Service ID	AN X 14/14		
IT110	235	Product/Service ID Qualifier	ID O 2/2	"IN"	IN = Buyer's Item Number
IT111	234	Product/Service ID	AN X 1/14		
IT112	235	Product/Service ID Qualifier	ID O 2/2	"VN"	VN = Vendor (Seller) Item Number
IT113	234	Product/Service ID	AN X 1/14		

IT1~5~200~CA~9.19~~IT~765431XX~UK~123404271174963~IN~26432~VN~1403913\

PRODUCT ITEM DESCRIPTION :: PID

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
PID01	349	Item Description Type	ID M 1/1	"F"	F = Free Form Text Description
PID02	750	Product/Process Characteristic Code	ID O 2/3		Not Used
PID03	559	Agency Qualifier Code	ID O 2/2		Not Used
PID04	751	Product Description Code	AN O 1/12		Not Used
PID05	352	Description	AN M 1/30		Product Description

PID~F~~~~SMOOTH LIGHTNIN' 360\

ITEM PHYSICAL DETAILS :: PO4

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
PO401	356	Pack	N0 M 1/6		Number of Containers in a Pack
PO402	357	Size	R M1/7		Unit Size **Note**: Fractional amounts must be reported to the hundredths of an ounce (two decimal places). * Example: a 750 ml item would be reported as 25.60 oz * = Exception to rule: to report a unit size of 1/8 or 1/6 barrel (BR), use .125 for 1/8 barrel and .167 for 1/6 barrel. **Note:** Items unit size and measure must be reported as registered by Supplier with the State of Kansas. Example: Item brand registered as 500 ML cannot be reported as .5 LT
PO403	355	Unit of Measurement	ID M 2/2	"OZ" "QT" "GA" "LT" "ML" "PT" "BR"	Unit of Measure OZ = Ounce QT = Quart GA = Gallon LT = Liter ML = Milliliter PT = Pint BR = Barrel

PO4~24~375~ML\

TOTAL MONETARY VALUE SUMMARY :: TDS

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
TDS01	610	Amount	N2 M 1/15		Invoice Amount
TDS02	610	Amount	N2 O 1/15		Not Used
TDS03	610	Amount	N2 O 1/15		Not Used
TDS02	610	Amount	N2 O 1/15		Not Used

TDS~182.42~ \

TRANSACTION TOTALS SEGMENT :: CTT

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
CTT01	354	Number of Line Items	N0 M 1/6		Number of Line Items (IT1 segments) in the transaction set

CTT~1\

TRANSACTION SET TRAILER SEGMENT :: SE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
SE01	96	Number of Included Segments	N0 M 1/10		Count of Segments within this 810
SE02	329	Transaction Set Control Number	AN M 4/9		Same as in ST segment

SE~155~000000001\

FUNCTIONAL GROUP TRAILER SEGMENT :: GE

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
GE01	97	Number of Include Transaction Sets	N0 M 1/6		Count of Transaction Sets within this GS/SE
GE02	28	Group Control Number	N0 M 1/9		Same as in GS segment.

GE~1~1\

INTERCHANGE CONTROL TRAILER SEGMENT :: IEA

ID	REF	ELEMENT NAME	ATTRIBUTES	VALUE	DESCRIPTION
IEA01	I16	Number of Functional Groups	N0 M 1/5		Count of Functional Groups within this ISA/IEA
IEA02	I12	Interchange Control Number	N0 M 9/9		Same as in ISA segment.

IEA~1~000000001\

9.2 Transaction Set 810 Example Mapping

1. ISA~00~   ~00~   ~01~007991623   ~01~835107079
~190109~1536~U~00401~000000006~0~T~^\
2. GS~IN~007991623~835107079~20190109~1536~6~X~004010\
3. ST~810~0001\
4. BIG~20181210~0016503401~20181208~00100123450~~~CN~00\
5. N1~BY~AMERICAND BEVERAGE CORPORATION~FI~12345678901\
6. N1~VN~BARTON BRANDS, LTD~SL~19001300076\
7. DTM~582~20181231\
8. IT1~1~200~CA~9.19~~IT~765432AW~UK~12304271174963~IN~26432~VN~1403913\
9. PID~F~~~~BARTON GIN\
10. PO4~24~375~ML\
11.TDS~182.42
12.CTT~1\
13.SE~10~0001\
14.GE~1~6\
15.IEA~1~000000006\

1. The ISA segment is used to identify an interchange. The ISA segment is basically made of identifiers that tell the EDI software who is filing the return. Think of it as an envelope containing the address information. 007991623 = the DUNS number of the company filing the return.
2. The GS segment is used to identify a functional group. In this case: IN = invoice information. 007991623 = the application senders code and 835107079 = the application receivers code.
3. The ST segment is used to identify the start of a transaction set. 810 = the type of EDI transaction set in use. EDI transaction sets range from an invoice information (810) to grocery products purchase order (875).
4. The BIG segment identifies the beginning segment for an invoice. The BIG segment will contain the invoice date (20181210), the invoice number (0016503401), the purchase order date (20181208) and the purchase order number (00100123450). CN = Credit Invoice. 00 = Original.
5. An N1 segment is used to identify a party by name and code. BY = buyer name and FI = FEIN.
6. An N1 segment is used to identify a party by name and code. VN = vendor name and SL = state license number.
7. The DTM segment is used to identify the tax period end date.
8. The IT1segment is used to report baseline data items for an invoice. 200 represents the quantity invoiced.
   CA = Cases (the invoice unit of measure). 9.19 = unit price. IT = ITEM number. UK = SCC/GTIN/UPCA. IN = buyer item number. VN = vendor item number.
9. The PID segment is used to describe a product in a free form format. F = free form text description of the item referenced above in the LIN segment.
10. The PO4 segment is used to provide the physical qualities, packaging and dimensions relating to an item. 24 = number of containers in a pack. 375 = size of container. ML = unit of measurement.
11. The TDS segment is used to indicate the total invoice amount.
12. The CTT segment is used to transmit the number of IT1 segments present in the transaction set.
13. The SE segment reports the number of included segments (11) in this transaction set including the ST and SE segments and the segment control number (0001).
14. The GE segment consists of two parts: 1 = the number of transaction sets included and 6 = group control number.
15. The IEA segment consists of two parts: 1 = the number of functional groups included and 000000006 = the interchange control number.

10. Functional Acknowledgment Overview

For each functional group of 813, 861, and 810 Data transaction sets sent to KDOR, KDOR will send one transaction set, the 997 Functional Acknowledgment, back to the taxpayer. The 997 indicates whether the 813, 861, or 810 transaction sets in your original functional group were accepted by KDOR. The absence of a 997 Functional Acknowledgment shall be treated as notice to the Taxpayer that the return was not received in the standard format.

The following diagram shows the 997 transaction set

ISA   Interchange Control Header
GS   Functional Group Header
ST   Transaction Set Headers
AK1   Functional group Response Header

AK2   Transaction Set Response Header

AK3   Data Segment Note
AK4   Data Element Note

AK5   Transaction Set Response Trailer

AK9   Functional Group Response Trailer
SE   Transaction Set Trailer
GE   Functional Group Trailer
IEA   Interchange Control Trailer

Segment AK9 is used to indicate whether the functional group of 813 transaction sets sent to KDOR was accepted. If AK901 is equal to "A", then the transmission was accepted.

Segments AK3 and AK4 are used only if errors have been detected. These segments are used to indicate which 813, 861 or 810 transaction set or sets are in error, and to indicate the data segments and/or data elements in error. If there are no errors, the AK3 and AK4 segments will not be used.

If the transaction set is rejected, the taxpayer must correct the errors and resend the entire transmission to KDOR. ***The electronic tax return has not been filed until the transmission is accepted by KDOR.***

The 997 only detects syntax errors, that is, errors in the "grammar" of the 813, 861 or 810 that would prevent KDOR from reading it, or when essential information such as debit account number is missing. It does not detect math errors or other filing errors.

If you should have any problems interpreting the 997 or any questions to what caused the error during translation then you can contact KDOR for further clarification. (See page 2 for Contact Number)

Note: Do not acknowledge the 997 Functional Acknowledgment.

Note: In order to identify the return for which the 997 acknowledgment has been transmitted:
The transaction set identifier code in the AK2 segment is identical to the transaction set identifier code in the ST segment of the return being acknowledged. Furthermore the control numbers found in the 997

ACK1 and ACK2 segments are identical to the control numbers found in the GS and ST segments transmitted in the original return. For example:

813 Original return portion:

ISA~00~   ~00~   ~01~007254592   ~01~835107079
~190109~0950~U~03050~000000033~1~P~@*\
GS~TF~RS7~KS813051RP~20190109~0950~33~X~003050\
ST~**813**~0001\

997 Acknowledgment:

AK1~TF~33\
AK2~**813**~0001\

The transaction set identifiers in the 813 and the 997 point to an 813 being transmitted and acknowledged.

813 Original return portion:

ISA~00~   ~00~   ~01~007254592   ~01~835107079
~190109~0950~U~03050~000000033~1~P~@\
GS~TF~RS7~KS813051RP~20190109~0950~**33**~X~003050\
ST~813~**0001**\

997 Acknowledgment:

AK1~TF~**33**\
AK2~813~**0001**\

The control numbers are identical between the original return and the 997.

11. Appendix A - Glossary

Accredited Standards Committee X12 (ASC X12)
The committee chartered by the American National Standards Institute to develop uniform standards for inter-industry electronic interchange of data for business transactions.

American National Standards Institute (ANSI)
A non-profit, privately funded organization that coordinates the development of voluntary national standards.

Electronic Data Interchange (EDI)
The intercompany computer-to-computer exchange of data in a standard data format that replaces a traditional paper business document.

Functional Acknowledgment
A transaction set transmitted by the receiver to indicate syntactical acceptability of data transmitted.

Mapping
The process of identifying the standard data element's relationship to application data elements.

Modem
A device that connects your PC or any other computer system to a phone line for the purposes of communication with a remote computer or network.

Syntactic
All rules set forth in the Transaction Sets 813, 861 and 810 v4010 in the ASC X12 standards have been met and can successfully be translated.

Trading Partners
The sending and receiving parties involved in the exchange of electronic data interchange transmissions.

Transaction Sets
The term used in EDI to describe the electronic transmission of a single document, defined by a number and a name (For example, 810 Invoices, 813 Tax Filings) between trading partners. The data included in a transaction set conveys the same information as a conventional business document. A transaction set consists of a header segment, one or more detail segments, and a summary or trailer segment.

Translation
The process of extracting information from existing computer applications and mapping it into the appropriate format of EDI standards for sending to a trading partner. Translation is performed by translation software. Translation also occurs on the receiving side where the receiving trading partner maps the EDI transaction set into a detail data set for existing computer applications.

12. Appendix B – Kansas County Codes

Number	Name	Number	Name	Number	Name
024	ALLEN	105	GREELEY	056	OSBORNE
052	ANDERSON	032	GREENWOOD	065	OTTAWA
015	ATCHISON	100	HAMILTON	069	PAWNEE
067	BARBER	051	HARPER	058	PHILLIPS
033	BARTON	028	HARVEY	039	POTTAWATOMII
017	BOURBON	101	HASKELL	053	PRATT
025	BROWN	093	HODGEMAN	077	RAWLINS
009	BUTLER	042	JACKSON	006	RENO
081	CHASE	046	JEFFERSON	040	REPUBLIC
063	CHAUTAUQUA	043	JEWELL	048	RICE
010	CHEROKEE	019	JOHNSON	030	RILEY
082	CHEYENNE	098	KEARNY	070	ROOKS
091	CLARK	057	KINGMAN	073	RUSH
041	CLAY	085	KIOWA	060	RUSSELL
036	CLOUD	011	LABETTE	014	SALINE
044	COFFEY	097	LANE	096	SCOTT
090	COMANCHE	007	LEAVENWORTH	002	SEDGWICK
008	COWLEY	066	LINCOLN	084	SEWARD
004	CRAWFORD	049	LINN	003	SHAWNEE
074	DECATUR	095	LOGAN	087	SHERIDAN
018	DICKINSON	013	LYON	080	SHERMAN
045	DONIPHAN	023	MARION	050	SMITH
016	DOUGLAS	020	MARSHALL	059	STAFFORD
079	EDWARDS	026	MCPHERSON	104	STANTON
068	ELK	086	MEADE	092	STEVENS
038	ELLIS	031	MIAMI	012	SUMNER
064	ELLSWORTH	055	MITCHELL	078	THOMAS
071	FINNEY	005	MONTGOMERY	083	TREGO
035	FORD	054	MORRIS	062	WABAUNSEE
021	FRANKLIN	094	MORTON	099	WALLACE
047	GEARY	034	NEMAHA	037	WASHINGTON
088	GOVE	022	NEOSHO	102	WICHITA
076	GRAHAM	075	NESS	027	WILSON
103	GRANT	061	NORTON	072	WOODSON
089	GRAY	029	OSAGE	001	WYANDOTTE

13. Trading Partner Agreement, EDI Trading Partner Profile, FTP Request Forms

Electronic Services
905 SW Jackson Street
PO Box 3506
Topeka KS 66601-3506

Phone: 785-291-3660
www.ksrevenue.gov

Kansas
Department of Revenue

AD ASTRA PER ASPERA

State of Kansas
ELECTRONIC DATA INTERCHANGE (EDI)
TRADING PARTNER AGREEMENT

This Agreement is entered into on _____, 20_____, by and between the Kansas Department of Revenue and _____, hereinafter "the Taxpayer".

The Department and the Taxpayer agree as follows:

1. Taxpayer will electronically transmit reports to the Department of Revenue. All reports shall be transmitted in accordance with Department policies and instructions that are issued by the Department of Revenue.

2. The returns shall be transmitted electronically to the Department of Revenue through an internet service provider (ISP) or a value added network (VAN) to the directory provided at the Department of Revenue's FTP Server. Each party shall be responsible for the costs of any provider with which it contracts.

3. The Taxpayer, at its own expense, shall provide and maintain the equipment, software, services and testing necessary for the Taxpayer to transmit the electronic return. The Department of Revenue, at its own expense, shall provide and maintain the equipment, software, services and testing necessary for the Department to receive the electronic return. Each party shall use security procedures which are reasonably sufficient and use its best efforts to ensure that all transmissions of returns are authorized and to protect its business records and data from improper access.

4. The signature of the Taxpayer or its authorized agent affixed to this Agreement shall be deemed to appear on such electronically filed returns, as if so actually appearing.

5. A return shall be deemed not to have been filed with the Department until the return in the provided format is accessible to the Department of Revenue at our FTP Server. If the Taxpayer attempts to file and is unable to do so because the Department's FTP Server is not available to receive a filing, the Taxpayer shall immediately contact the Department of Revenue at 785-291-3660. The Department will not impose late filing penalties provided the Taxpayer follows the above requirement.

6. Upon any receipt of any transmission from the Taxpayer, the Taxpayer will be provided a 997 acknowledgment. A transmission that is received, but is not in the stipulated format will not constitute a valid return. For a return to be timely filed under Chapter 41 of the Kansas Statutes, it must be received in the standard format on or before the filing due date.

7.   Any transmission received in an unintelligible or garbled form, and for which the Taxpayer cannot be identified, will not be provided a 997 acknowledgment. The absence of the 997 acknowledgment shall be treated as notice to the Taxpayer that the return was not received in the standard format.

8.   The Taxpayer will mechanically store their records and will maintain such records in accordance with Chapter 41 of the Kansas Statutes for a period of 3 years from the date of filing.

9.   This Agreement shall be valid and in effect from the date last appearing below. However, if the authorized agent signing such Agreement on behalf of the Taxpayer leaves the employment of the Taxpayer or becomes no longer authorized to sign such returns, the Taxpayer's right to file returns electronically shall automatically be terminated until a new written Agreement is signed with the Department of Revenue. Such termination shall be effective as of the date the Department of Revenue receives actual notice from the Taxpayer that the agent's authority has ended. Any failure to comply with the provisions of this paragraph shall result in the Taxpayer being deemed to have filed an incomplete return.

10.   This agreement can only be amended by the execution of a written addendum to this agreement by the Department of Revenue and the Taxpayer.

11.   The Department of Revenue or the Taxpayer can cancel this Agreement at any time upon sixty (60) days notice to the other party.

12.   This Agreement represents the entire understanding of the parties in relation to the electronic filing of returns.

13.   The place of performance of this agreement is the Licensing/Marketing Unit, Alcoholic Beverage Control Division, Kansas Department of Revenue, 5th Floor, Mills Building, 109 SW 9th Street, Topeka, Kansas 66612. It shall be governed by the laws of the State of Kansas.

        IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed as of the day and year listed below:

TAXPAYER:

_____   _____
Print Name of Owner or Authorized Agent   Title

_____   _____
Signature of Owner or Authorized Agent   Date

        On this_____day of _____, 20_____, before me, a Notary in and for the county

of _____ and state of _____, personally

appeared the

individual identified above who acknowledged that he/she executed the foregoing instrument.

Sworn to and subscribed before me

this _____ day of _____, 20_____.

_____

Notary Public

My Commission Expires:_____

KANSAS DEPARTMENT OF REVENUE

_____   _____

Print Name of Department's Authorized Agent   Title

_____   _____

Signature of Department's Authorized Agent   Date

Electronic Services
905 SW Jackson Street
PO Box 3506
Topeka KS 66601-3506

Phone: 785-291-3660
www.ksrevenue.gov

Kansas Department of Revenue
ELECTRONIC DATA INTERCHANGE (EDI)
EDI TRADING PARTNER PROFILE

Date: _____   Federal Employer ID #_____

Distributor License   #_____

Company Name:_____

Mailing Address:_____

_____

_____

Primary Contact: _____

Phone: _____

Fax:_____

Primary Contact E-mail Address:_____

EDI Contact:_____

Phone: _____

Fax:_____

EDI Contact E-mail Address:_____

EDI Software Vendor:_____

State of Kansas EDI Contact: Carole Sadler
                                      Electronic Services Bureau
                                      905 SW Jackson St
                                      PO Box 3506
                                      Topeka KS 66601-3506

E-mail Address: carole.sadler@ks.gov
Phone: 785-291-3660
Fax: 785-296-0153

Information Services
905 SW Jackson Street
PO Box 3506
Topeka KS 66601-3506

Kansas
Department of Revenue

Phone: 785-296-7060
www.ksrevenue.gov

Request for Secure FTP Access

Applicant Information: (Please print)

Last Name: _____   **First Name:** _____

Agency/Company Name: _____

Street Address: _____

City: _____   **State:** _____

Zip Code: _____

Telephone #: (   ) _____   **Ext:** _____   **Fax number: (   )** _____

Email Address: _____

Signature of Applicant: _____ **Date:** _____

Signature of Applicant's Supervisor: _____

Please mail the completed application to:

IS Security Administration
Kansas Department of Revenue
Landon State Office Bldg.   Room 704
901 SW Jackson Street
Topeka, Kansas 66612-1588

If questions please call 785-296-6497 or 785-296-1701

For Security Administration Use Only

Applicant contacted date: **Login ID:**

Initial Password: **Issued by:**