Texas Motor Fuels Diesel Fuel Report & Supplement

Transaction Set 813 Effective February 01, 2016

This mapping illustrates the required format of the ANSI ASC X12 813 Transaction Set for use in filing a Motor Fuels Diesel Fuel Report. The transaction set can be used by tax filers to electronically file tax returns which may initiate payments related to the tax return.

- Each occurrence of an 813 begins with an ST segment and ends with a SE segment.
- Multiple 813 filings are contained within a GS/GE envelope and an ISA/IEA Interchange Control Header and Trailer.
- All segments are required unless noted. See Attribute Exemptions at the end of this document for acronym explanations.
- An example of the required mapping follows each table.

Changes to Mapping Document

- February 2016-Formatting changes only. No changes to coding requirements. This document was formatted to meet 508 Compliance.

Interchange Control Header (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
ISA01	I01	Authorization Information Qualifier	ID	M	2/2	03=Additional Data Identification
ISA02	I02	Authorization Information	AN	M	10/10	TX813050RP=Production TX813050RT=Test
ISA03	I03	Security Information Qualifier	ID	M	2/2	00=No Security Information Present
ISA04	I04	Security Information	AN	M	10/10	Spaces
ISA05	I05	Interchange ID Qualifier	ID	M	2/2	ZZ=Mutually defined ID
ISA06	I06	ISA Sender ID	AN	M	15/15	Taxpayer Number, FEIN, Van ID, Duns Number, etc.
ISA07	I05	Interchange ID Qualifier	ID	M	2/2	ZZ=Mutually defined ID
ISA08	I07	ISA Receiver ID	AN	M	15/15	TEX COMPTROLLER
ISA09	I08	Generation Date	DT	M	6/6	YYMMDD
ISA10	I09	Generation Time	TM	M	4/4	HHMM
ISA11	I10	Interchange Control Standards ID	ID	M	1/1	U=US EDI Community of X12
ISA12	I11	Interchange Control Version Number	ID	M	5/5	00401
ISA13	I12	Interchange Control	NO	M	9/9	Assigned by Sender
ISA14	I13	Acknowledgment Requested	ID	M	1/1	♦ “0”=No Acknowledgment Required ♦ “1”=Yes Acknowledgment Required
ISA15	I14	Test Indicator	ID	M	1/1	P=Production T=Test
ISA16	I15	Sub-element Separator	AN	M	1/1	“^”=ASCII –5E HEX

ISA~03~TX813050RP~00~ ~ZZ~17400000000 ~ZZ~TEX COMPTROLLER~140225~1459~U~00401~000000093~0~P~^

Functional Group Header (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
GS01	479	Functional ID Code	ID	M	2/2	“TF”=Electronic Filing Of Tax Return Data (813)
GS02	142	Sender’s ID Code	AN	M	11/15	Taxpayer Number, FEIN, Van ID, Duns #, etc.
GS03	124	Receiver’s ID Code	AN	M	15/15	TEX COMPTROLLER
GS04	373	Date	DT	M	8/8	“CCYYMMDD”=Date
GS05	337	Time	TM	M/Z	4/8	“HHMMSSDD”=Time
GS06	028	Group Control Number	NO	M/Z	1/9	Assigned by Sender
GS07	455	Responsible Agency Code	ID	M	1/1	“X”=ASC X12
GS08	480	Version/Release ID	AN	M	6/6	004010

GS~TF~17400000000 ~TEX COMPTROLLER~20140225~14591222~2~X~004010

Header Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
ST01	143	Transaction Set identifier	ID	M	3/3	"813"
ST02	329	Transaction Set Control Number	ID	M	4/9	Determined by Filer (Should be same as in SE segment)

ST~813~0001

Begin Tax Information Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
BTI01	128	Reference Number Qualifier	ID	M	2/2	T6=Tax Return Filing
BTI02	127	Reference Number	AN	M	3/3	"052"=Diesel Report
BTI03	66	ID Code Qualifier	ID	M	2/2	"47"=Tax Authority
BTI04	67	ID Code	AN	M	2/2	"TX"=Texas Comptroller
BTI05	373	Transaction Create Date	DT	O	8/8	"CCYYMMDD"=Transmission Date
BTI06	818	Not Used	AN	O	4 /4	Not Used
BTI07	66	ID Code Qualifier	ID	M	2/2	“94”=State Assigned ID Number
BTI08	67	ID Code	AN	M	5/5	“52009”=Diesel Blender Report
BTI09	66	ID Code Qualifier	ID	M	2/2	"49"=State Assigned ID Number
BTI10	67	ID Code	AN	M	11/11	Texas Taxpayer Number
BTI11	66	ID Code Qualifier	ID	C	2/2	SV=Service Provider Number
BTI12	67	ID Code	AN	C	9/9	Software Provider Code Assigned by Texas (transmitter number)
BTI13	353	Transaction Set Purpose Code	ID	O	2/2	Options: “00”=Original
BTI14	640	Transaction Type Code	AN	O	2/2	Option: “CO”=Corrected

BTI~T6~052~47~TX~20140225~~94~52009~49~12312312312~SV~00000162C~00

BTI~T6~052~47~TX~20140225~~94~52009~49~12312312312~SV~00000162C~~CO

- BTI13 should be used without BTI14. Use “00=Original” when filing your original return.
- BTI14 should be used without BTI13. Use “CO=Corrected” when adjusting or correcting original or amended return.

Date/Time Reference Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
DTM01	374	Date/Time Qualifier	ID	M	3/3	"683"=Filing Period
DTM02	373	Not Used	DT	C	8/8	Not Used
DTM03	337	Not Used	DT	O	4/8	Not Used
DTM04	623	Not Used	ID	O	2/2	Not Used
DTM05	1250	Date Time Period Format Qualifier	ID	M	3/3	“RD8”=Range of Dates
DTM06	1251	Date Time Period	AN	M	17/17	“CCYYMMDD-CCYYMMDD”= Tax Filing Period Beginning and Ending Dates

DTM~683~~~~RD8~20140101-20140131

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	“5067”=Version of Tax Authority’s Implementation Guide
TIA02	782	Not Used	R	M	1/13	Not Used
TIA03	449	Fixed Format Information	AN	C	4/4	“ 4010”=EDI Implementation guide version number

TIA~5067~~4010

Tax Information And Amount Segment (Optional)

Segment to be included with BPR segment only

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	“5039”=Total Amount Due and Payable
TIA02	782	Monetary Amount	R	C	1/11	Total Tax Paid

TIA~5039~1254.40

Reference Identification (Optional)

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“EM”=Electronic Payment Reference Number
REF02	127	Reference Identification	AN	C	5/5	"07020”=Payment Transaction Code

REF~EM~07020

Beginning Segment For Payment Order/Remittance Advice (Optional)

If TIA 5039 (Total Tax Paid) is reported, then this segment is required. BPR16 (Settlement date) cannot be more than 30 days in the future.

DE	Reference	Element Type	Attribute	Status	Length	Description
BPR01	305	Transaction Handling Code	ID	M	1/1	"C"=Payment Accompanies Remittance Advice
BPR02	782	Monetary Amount	R	M	1/11	Payment Amount
BPR03	478	Credit/Debit Flag Code	ID	M	1/1	"D"=Debit
BPR04	591	Payment Method Code	ID	M	3/3	"ACH"=Automated Clearing House (ACH)
BPR05	812	Payment Format Code	ID	O	1/10	"CCD"= Cash Concentration/Disbursement
BPR06	506	(DFI) ID Number Qualifier Code identifying the type of identification number of Depository Financial Institution (DFI)	ID	C	2/2	"01"=ABA Transit Route Number Including Checking Digits
BPR07	507	(DFI) Identification Number Depository Financial Institution (DFI) Identification number	AN	M	9/9	Originating DFI Route/Transit Number
BPR08	569	Account Number Qualifier Code	ID	O	2/2	"DA"=Demand Deposit (Checking Account) "SG"=Savings Account
BPR09	508	Account Number	AN	M	6/17	Bank Account Number
BPR10	509	Not Used	AN	O	10/10	Not used
BPR11	510	Not Used	AN	O	9/9	Not used
BPR12	506	Not Used	ID	C	2/2	Not used
BPR13	507	Not Used	AN	C	3/12	Not used
BPR14	569	Not Used	ID	O	2/2	Not used
BPR15	508	Not Used	AN	C	1/35	Not used
BPR16	373	Effective Entry Date	DT	M	8/8	Date the originating agency intends for the transaction to be settled. Settlement date – CCYYMMDD
BPR17	1048	Business Function Code	ID	O	1/3	"TAX"=Tax Payment Code identifying the business reason for this payment

BPR~C~1254.40~D~ACH~CCD~01~123456789~DA~123456789~~~~~~~~20140225~TAX

Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"TP"=Taxpayer Name
N102	93	Taxpayer Name	AN	M	1/35	Taxpayer Legal Name

N1~TP~TEXAS FUELS INC

Address Information (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N301	166	Street Address	AN	M	1/35	Postal Mailing Address
N302	166	Street Address	AN	O	1/35	Second Line Mailing Address

N3~PO BOX 12010

Address Information (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N401	19	City Name	AN	O	2/35	Postal Mailing City Name
N402	156	State/Province Code	ID	O	2/2	Postal Mailing State
N403	116	Postal (zip) Code	ID	O	3/11	Postal Zip Code
N404	26	Country	ID	O	2/2	Country Abbreviation (United States=US)

N4~AUSTIN~TX~78711~US

General Contact Person Administrative Communication Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
PER01	366	Contact Function code	ID	M	2/2	“CN”=General Contact
PER02	93	Name	AN	O	1/35	Contact Name
PER03	365	Communications Number Qualifier	ID	M	2/2	"TE"=Telephone Number
PER04	364	Communications Number	AN	M	10/14	Contact Telephone Number
PER05	365	Communications Number Qualifier	ID	O	2/2	"EX"=Telephone Number
PER06	364	Communications Number	AN	O	1/5	Extension Number
PER07	365	Communications Number Qualifier	ID	M	2/2	“EM”=Electronic Mail
PER08	364	Communications Number	AN	O	1/80	E-mail Address

PER~CN~JOE FUELS~TE~5124630070~EX~30070~EM~fuels@email.com

Tax Form Segment (Required)

Loops for each line item from the face of return, one shown. This TFS begins a looping process for forms 06-168A & B.

DE	Reference	Element Type	Attribute	Status	Length	Description
TFS01	128	Reference Number Qualifier	ID	M	2/2	"T2"=Tax Return Code
TFS02	127	Reference Number	ID	M	5/5	♦ "07100"=Original Diesel Fuel Report ♦ “07110”=Amended Diesel Fuel Report

TFS~T2~07100

Tax Information And Amount Segment (Required) Reported In Whole Dollars And Cents.

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	“5025”=Total Tax Due
TIA02	782	Monetary Amount	R	C	1/11	Total Tax Due

TIA~5025~1254.40

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5075"=Gallons purchased in Texas for Blending
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5075~~~600~GA

Tax Information And Amount Segment (Required)

Losses are indicated with a dash (-)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5032”=Taxable blending materials
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5032~~~130~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5076”=Tax exempt blending materials
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5076~~~14980~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5031”=Blended gallons sold
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5031~~~6500~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5020”=Gallons sold tax-free to exempt entities
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5020~~~250~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5081”=Taxable sales & uses of dyed diesel or gallons subject to backup tax
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5081~~~100~GA

Tax Information And Amount Segment (Required)

Total of Gallons of Undyed Diesel Fuel/Gasoline Imported Tax Free, Gallons Sold to Unlicensed Entities in the Bulk Transfer/Terminal System, Gallons Removed from IRS Register Terminal-tax collected by Supplier, Taxable Sales & Uses of dyed diesel fuel or gallons subject to backup tax & State Diversions

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5021”=Taxable gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5021~~~14980~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5022”=Credit for gallons purchased tax paid & sold tax free
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5022~~~0~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5007”=Tax-paid gallons lost by fire, theft, spillage, or other accident
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5007~~~6400~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5084”=Other tax exempt uses on which TX tax was previously paid
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5084~~~0~GA

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5023”=Net taxable gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Net Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5023~~~0~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form MF-147.

DE	Reference	Element Type	Attribute	Status	Length	Description
TFS01	128	Reference Number Qualifier	ID	M	2/2	"T3"=Tax Schedule Code
TFS02	127	Reference Number	ID	M	5/5	• "07126"=Original Gallons Purchased in Texas for Blending • “07128”=Amended Gallons Purchased in Texas for Blending
TFS03	128	Reference Number Qualifier	ID	M	2/2	“PG”=Product Group
TFS04	127	Reference Number	AN	M	3/3	Product Code: • “072”=Dyed Kerosene • "130"=Jet Fuel • “142”=Clear Kerosene • “160”=Clear Diesel • "228"=Dyed Diesel
TFS05	66	Identification Code Qualifier	ID	C	2/2	“94”=Mode
TFS06	67	Identification Code	AN	C	2/2	Mode Code: • “J_”=Truck • “R_”=Rail • “B_”=Barge • “S_”=Ship • “PL”=Pipeline • “BA”=Book Adjustment • “ST”=Stationary Transfer • “RT”=Rail Terminal

TFS~T3~07126~PG~160~94~PL

Relationship To Transaction Information Reference Segment (Required)

Reference to line item in schedule. REF02 Texas requires only numeric control numbers to identify line segments in schedules.

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“FJ”=Line Item Control Number
REF02	127	Reference Identification	AN	C	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Terminal Control Number Segment (Optional)

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“TO”=Terminal Operator Number
REF02	127	Reference Identification	AN	M	9/9	Terminal Operator Number

REF~TO~T74TX9999

Transporter Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"CA=Transporter Name
N102	93	Taxpayer Name	AN	O	1/31	Transporter Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	O	1/11	Taxpayer Number

N1~CA~Transporter Name~49~12312312312

Seller’s Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	“SE”=Selling Party
N102	93	Taxpayer Name	AN	M	1/40	Seller Party Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	1/11	Taxpayer Number

N1~SE~Selling Party Legal Name~49~11111111115

Bill Of Lading Number Segment (Required)

You are allowed to SUM by inserting “SUM” in Shipping Document Number field and leaving the Date Removed field blank

DE	Reference	Element Type	Attribute	Status	Length	Description
FGS01	350	Assigned Identification	AN	M	1/1	"D"=Schedule Detail
FGS02	128	Reference Identification Qualifier	ID	C	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	C	1/9	Shipping Document Number

FGS~D~BM~123456444

Bill Of Lading Date Segment (Conditional)

Segment for Bill of Lading Date can be omitted or DTM02 can be blank if Shipping Document Number is SUM. If Shipping Document Number is not SUM then this segment is required.

DE	Reference	Element Type	Attribute	Status	Length	Description
DTM01	374	Date/Time Qualifier	ID	M	3/3	"095"=Bill of Lading Date
DTM02	373	Date	DT	M	8/8	“CCYYMMDD”=Date Removed

DTM~095~20140125

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5027"=Invoiced Gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5027~~~600~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form MF-150.

DE	Reference	Element Type	Attribute	Status	Length	Description
TFS01	128	Reference Number Qualifier	ID	M	2/2	"T3"=Tax Schedule Code
TFS02	127	Reference Number	ID	M	5/5	• "07134"=Original Taxable Blending Materials • “07136”=Amended Taxable Blending Materials
TFS03	128	Reference Number Qualifier	ID	M	2/2	“PG”=Product Group
TFS04	127	Reference Number	AN	M	3/3	Product Code: • “052”=Ethane • "055"=Butane • “058”=Isobutane • “059”=Pentanes • “075"=Propylene • “076”=Xylene • "090"=Additive Miscellaneous • “091”=Waste Oil • “093”=MTBE • “100”=Transmix • “121”=TAME • ”122”=Blending Materials • “126”=Napthas • “196”=Ethylene • “198”=Butylene • "199"=Toluene “223”=Raffinates • “241”=Ethanol • "243"=Methanol • “248”=Benzene • “249”=ETBE • “265”=Methane
TFS05	66	Not Used	ID	C	2/2	Not Used
TFS06	67	Not Used	AN	C	2/2	Not Used

TFS~T3~07134~PG~052

Relationship To Transaction Information Reference Segment (Required)

Reference to line item in schedule. REF02 Texas requires only numeric control numbers to identify line segments in schedules.

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“FJ”=Line Item Control Number
REF02	127	Reference Identification	AN	C	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Transporter Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"CA=Transporter Name
N102	93	Taxpayer Name	AN	O	1/31	Transporter Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	O	1/11	Taxpayer Number

N1~CA~Transporter Name~49~12312312312

Seller Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"SE"=Seller
N102	93	Taxpayer Name	AN	O	1/40	Seller Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	1/11	Taxpayer Number

N1~SE~ Seller Name ~49~11111111115

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5027"=Invoiced Gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5027~~~900~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form MF-151.

DE	Reference	Element Type	Attribute	Status	Length	Description
TFS01	128	Reference Number Qualifier	ID	M	2/2	"T3"=Tax Schedule Code
TFS02	127	Reference Number	ID	M	5/5	♦ "07142"=Original Tax Exempt Blending Materials – Diesel ♦ “07146”=Amended Tax Exempt Blending Materials - Diesel
TFS03	128	Reference Number Qualifier	ID	M	2/2	“PG”=Product Group
TFS04	127	Reference Number	AN	M	3/3	Product Code: ♦ “274”=Water ♦ "241"=Ethanol ♦ “284”=Biodiesel - undyed
TFS05	66	Not Used	ID	C	2/2	Not Used
TFS06	67	Not Used	AN	C	2/2	Not Used

TFS~T3~07142~PG~241

Relationship To Transaction Information Reference Segment (Required)

Reference to line item in schedule. REF02 Texas requires only numeric control numbers to identify line segments in schedules.

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“FJ”=Line Item Control Number
REF02	127	Reference Identification	AN	C	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Transporter Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"CA=Transporter Name
N102	93	Taxpayer Name	AN	O	1/31	Transporter Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	O	1/11	Taxpayer Number

N1~CA~Transporter Name~49~12312312312

Seller Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"SE"=Seller
N102	93	Taxpayer Name	AN	O	1/40	Seller Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	1/11	Taxpayer Number

N1~SE~ Seller Name ~49~11111111115

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5027"=Invoiced Gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5027~~~900~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form MF-152.

DE	Reference	Element Type	Attribute	Status	Length	Description
TFS01	128	Reference Number Qualifier	ID	M	2/2	"T3"=Tax Schedule Code
TFS02	127	Reference Number	ID	M	5/5	"07151"=Original Blended Gallons Sold “07152”=Amended Blended Gallons Sold
TFS03	128	Reference Number Qualifier	ID	M	2/2	“PG”= Product Group
TFS04	127	Reference Number	AN	M	3/3	Product Code: • “072”=Dyed Kerosene • "130"=Jet Fuel • “142”=Clear Kerosene • “160”=Clear Diesel • "228"=Dyed Diesel

TFS~T3~07151~PG~160

Relationship To Transaction Information Reference Segment (Required)

Reference to line item in schedule. REF02 Texas requires only numeric control numbers to identify line segments in schedules.

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“FJ”=Line Item Control Number
REF02	127	Reference Identification	AN	C	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Purchaser’s Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	“BY”=Purchaser
N102	93	Taxpayer Name	AN	O	1/40	Purchaser Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	1/11	Taxpayer Number

N1~BY~Purchaser Legal Name~49~11111111115

Bill Of Lading Number Segment (Required)

You are allowed to SUM by inserting “SUM” in the Shipping Document Number field and leaving the Date Removed field blank.

DE	Reference	Element Type	Attribute	Status	Length	Description
FGS01	350	Assigned Identification	AN	M	1/1	"D"=Schedule Detail
FGS02	128	Reference Identification Qualifier	ID	C	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	C	1/9	Shipping Document Number

FGS~D~BM~123456444

Bill Of Lading Date Segment (Conditional)

Segment for Bill of Lading Date can be omitted or DTM02 can be blank if Shipping Document Number is SUM. If Shipping Document Number is not SUM then this segment is required.

DE	Reference	Element Type	Attribute	Status	Length	Description
DTM01	374	Date/Time Qualifier	ID	M	3/3	"095"=Bill of Lading Date
DTM02	373	Date	DT	C	8/8	“CCYYMMDD”=Date Removed

DTM~095~20140125

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5027"=Invoiced Gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Not Used	AN	C	1/80	Not Used
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5027~~~1200~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form MF-159.

DE	Reference	Element Type	Attribute	Status	Length	Description
TFS01	128	Reference Number Qualifier	ID	M	2/2	"T3"=Tax Schedule Code
TFS02	127	Reference Number	ID	M	5/5	"07182"=Original Gallons Sold Tax- Free to Exempt Entities “07186”=Amended Gallons Sold Tax- Free to Exempt Entities
TFS03	128	Reference Number Qualifier	ID	M	2/2	“PG”=Product Group
TFS04	127	Reference Number	AN	M	3/3	Product Code: • “072”=Dyed Kerosene • "130"=Jet Fuel • “142”=Clear Kerosene • “160”=Clear Diesel • "228"=Dyed Diesel
TFS05	66	Identification Code Qualifier	ID	C	2/2	“94”=Mode
TFS06	67	Identification Code	AN	C	2/2	Mode Code: • “J_”=Truck • “R_”=Rail • “B_”=Barge • “S_”=Ship • “PL”=Pipeline • “BA”=Book Adjustment • “ST”=Stationary Transfer • “RT”=Rail Terminal • “GS”=Gas Station

TFS~T3~07182~PG~160~94~PL

Relationship To Transaction Information Reference Segment (Required)

Reference to line item in schedule. REF02 Texas requires only numeric control numbers to identify line segments in schedules.

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“FJ”=Line Item Control Number
REF02	127	Reference Identification	AN	C	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Reference Identification (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
REF01	128	Reference Identification Qualifier	ID	M	2/2	“YD”=Buyer Identification
REF02	127	Reference Identification	AN	C	1/1	♦ “1”=US Government ♦ “2”=TX Pub School or Trans Co ♦ “3”=Non-Profit Electric & Phone Coop ♦ “4”=Other

REF~YD~1

Transporter Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"CA=Transporter Name
N102	93	Taxpayer Name	AN	M	1/31	Transporter Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	O	1/11	Taxpayer Number

N1~CA~Transporter Name~49~12312312312

Purchaser Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"BY"=Purchaser
N102	93	Taxpayer Name	AN	M	1/40	Purchaser Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	1/11	Taxpayer Number

N1~BY~Purchaser Name~49~11111111115

Bill Of Lading Number Segment (Required)

You are allowed to SUM by inserting “SUM” in the Shipping Document Number field and leaving the Date Removed field blank

DE	Reference	Element Type	Attribute	Status	Length	Description
FGS01	350	Assigned Identification	AN	M	1/1	"D"=Schedule Detail
FGS02	128	Reference Identification Qualifier	ID	C	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	C	1/9	Shipping Document Number

FGS~D~BM~123456444

Bill Of Lading Date Segment (Conditional)

Segment for Bill of Lading Date can be omitted or DTM02 can be blank if Shipping Document Number is SUM. If Shipping Document Number is not SUM then this segment is required.

DE	Reference	Element Type	Attribute	Status	Length	Description
DTM01	374	Date/Time Qualifier	ID	M	3/3	"095"=Bill of Lading Date
DTM02	373	Date	DT	M	8/8	“CCYYMMDD”=Date Removed

DTM~095~20140125

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5027"=Invoiced Gallons
TIA02	782	Not Used	R	C	1/15	Not Used
TIA03	449	Fixed Format Information	AN	O	1/80	“1”=Fuel Purchased Tax Paid
TIA04	380	Quantity	R	C	1/11	Quantity in Invoiced Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5027~~~850~GA

Transaction Set Trailer Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
SE01	96	Number of Segments	NO	M	1/10	Count of Segments within this 813
SE02	329	Transaction Set Control Number	AN	M	4/9	Taxpayer Assigned Number (Same as ST Segment)

SE~93~0001

Interchange Trailer Segments Functional Group Trailer (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
GE01	097	Number of Transaction Sets	NO	M	1/6	Total ST/SE
GE02	028	Group Control Number	NO	M	1/9	Assigned by Sender

GE~1~2

Interchange Control Trailer (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
IEA01	I16	Number of Functional Groups	NO	M	1/5	Total GS/GE
IEA02	I12	I/C Control Number	NO	M	9/9	Assigned by sender

IEA~1~000000093

Attribute Conventions
Status (RD): 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.
- C: Conditional data element: Conditions may exist between two or more data elements. If one is present the other(s) is required.

Element Type:
Nn (Numeric): Indicates a numeric element, and n indicates the decimal places to the right of a fixed, implied decimal point. N0 (N Zero) is a numeric with no decimal places.

- R (Decimal-Real): The decimal point is optional for integer values, but is required for fractional values. For negative values, the leading minus (-) sign is used. Absence of this sign indicates a positive value. The plus (+) sign should not be transmitted.
- ID (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.
- AN (String): A string (Alphanumeric) is a sequence of any characters 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.
- DT (Date): Format for the date type is CCYYMMDD. CC is the century digits of the year (ex. 19, 20). YY is the last 2 digits of the year (00-99), MM is the numeric value of the month (01-12), and DD for the day (01-31).
- TM (Time): Format for the time type is HHMMSS, 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).

Acronym Glossary
DFI: Depository Financial Institution