Texas Motor Fuels Terminal Operator Report

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 Terminal Operator 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, Transmitter 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	004030

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	"050"=Terminal Operator 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	“50002”=Terminal Operator 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~T6~050~47~TX~20140225~~94~50002~49~12312312312~SV~00000162C~00

BTI~T6~050~47~TX~20140225~~94~50002~49~12312312312~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 (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
DTM01	374	Date/Time Qualifier	ID	M	3/3	“194”=Filing Period End
DTM02	373	Date	AN	M	8/8	“CCYYMMDD”=Tax Filing Period Ending Date

DTM~194~20140131

Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"L9"=Business Name of Information Provider
N102	93	Taxpayer Name	AN	M	1/35	Taxpayer Legal Name

N1~L9~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 Contact 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 Plus Extension
PER05	365	Communications Number Qualifier	ID	O	2/2	"FX"=Fax Number
PER06	364	Communications Number	AN	O	1/10	Fax Telephone 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 terminal control number from the face of return, one shown. This TFS begins a looping process for form 06-162.

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	"05100"=Original Terminal Operator Report “05110”=Amended Terminal Operator Report
TFS03	128	Not Used	ID	O	2/2	Not used
TFS04	127	Not Used	AN	O	3/3	Not used
TFS05	66	Identification Code Qualifier	ID	M	2/2	“TC”=Terminal Control Number
TFS06	67	Identification Code	AN	M	9/9	Terminal Control Number

TFS~T2~05100~~~TC~T75TX1111

Terminal Transactions (Required)

Begins loop for each product code. Two examples shown below.

DE	Reference	Element Type	Attribute	Status	Length	Description
FGS01	350	Assigned Identification	AN	M	2/2	“SU”=Summary Information
FGS02	128	Reference Identification Qualifier	ID	M	2/2	“PG”=Product Code Qualifier
FGS03	17	Reference Identification	AN	M	3/3	Product Code: “072”=Dyed Kerosene "130"=Jet Fuel “142”=Clear Kerosene “160”=Clear Diesel "228"=Dyed Diesel “065”=Gasoline "124"=Gasohol “125”=Aviation Gasoline

FGS~SU~PG~160

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5000”=Beginning Inventory
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5000~~~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	"5001”=Total Receipts
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5001~~~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	"5004”=Total Disbursements
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5004~~~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	"5006”=Gains “5007”=Losses
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5006~~~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	"5008”=Ending Inventory
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5008~~~0~GA

Terminal Transactions (Required)

Begins loop for each product code.

DE	Reference	Element Type	Attribute	Status	Length	Description
FGS01	350	Assigned Identification	AN	M	2/2	“SU”=Summary Information
FGS02	128	Reference Identification Qualifier	ID	M	2/2	“PG”=Product Code Qualifier
FGS03	127	Reference Identification	AN	M	3/3	Product Code: “072”=Dyed Kerosene "130"=Jet Fuel “142”=Clear Kerosene “160”=Clear Diesel "228"=Dyed Diesel “065”=Gasoline "124"=Gasohol “125”=Aviation Gasoline

FGS~SU~PG~065

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5000”=Beginning Inventory
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5000~~~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	"5001”=Total Receipts
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5001~~~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	"5004”=Total Disbursements
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5004~~~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	"5006”=Gains “5007”=Losses
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5006~~~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	"5008”=Ending Inventory
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 Gallons
TIA05	355	Unit of Measure Code	ID	O	2/2	“GA”=Gallons

TIA~5008~~~0~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form 06-162A.

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	"05121"=Original Schedule A - Receipts “05123”=Amended Schedule A - Receipts
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 “065”=Gasoline "124"=Gasohol “125”=Aviation Gasoline
TFS05	66	Identification Code Qualifier	ID	M	2/2	“94”=Mode
TFS06	67	Identification Code	AN	M	2/2	Mode Code: “J_”=Truck “R_”=Rail “B_”=Barge “S_”=Ship “PL”=Pipeline “BA”=Book Adjustment “ST”=Stationary Transfer “RT”=Rail Terminal

TFS~T3~05121~PG~160~94~PL

Relationship To Transaction Information Reference Segment (Required)

For each transaction for the period in schedule 06-162A include REF~FJ through TIA~5005 coding blocks. REF02 Texas requires only numeric control numbers to identify line segments in schedules and must increase incrementally for each transaction. Two examples are shown below.

Example One

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	M	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Destination Terminal Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"DT=Destination Terminal Name
N102	93	Taxpayer Name	AN	O	1/35	Destination Terminal Name
N103	66	ID Code Qualifier	AN	M	2/2	"TC"=Terminal Control Number Qualifier
N104	67	ID Code	AN	M	9/9	Terminal Control Number

N1~DT~Destination Terminal Name~TC~TX741111

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

Bill Of Lading Number Segment (Required)

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	M	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	M	1/9	Shipping Document Number

FGS~D~BM~123456444

Bill Of Lading Date Segment (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	"5005"=Net 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~5005~~~600~GA

Example Two

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	M	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00002

Destination Terminal Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"DT=Destination Terminal Name
N102	93	Taxpayer Name	AN	O	1/35	Destination Terminal Name
N103	66	ID Code Qualifier	AN	M	2/2	"TC"=Terminal Control Number Qualifier
N104	67	ID Code	AN	M	9/9	Terminal Control Number

N1~DT~Destination Terminal Name~TC~TX741111

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

Bill Of Lading Number Segment (Required)

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	M	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	M	1/9	Shipping Document Number

FGS~D~BM~555555555

Bill Of Lading Date Segment (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~095~20140130

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5005"=Net 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~5005~~~200~GA

Tax Form Segment (Required)

Loop for each schedule, one shown. This TFS begins a looping process for form 06-162B.

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	"05125"=Original Schedule B - Disbursements “05127”=Amended Schedule B - Disbursements
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 “065”=Gasoline "124"=Gasohol “125”=Aviation Gasoline
TFS05	66	Identification Code Qualifier	ID	M	2/2	“94”=Mode
TFS06	67	Identification Code	AN	M	2/2	Mode Code: “J_”=Truck “R_”=Rail “B_”=Barge “S_”=Ship “PL”=Pipeline “BA”=Book Adjustment “ST”=Stationary Transfer “RT”=Rail Terminal

TFS~T3~05125~PG~065~94~PL

Relationship To Transaction Information Reference Segment (Required)

For each transaction for the period in schedule 06-162B include REF~FJ through TIA~5005 coding blocks. REF02 Texas requires only numeric control numbers to identify line segments in schedules and must increase incrementally for each transaction. Two examples are shown below.

Example One

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	M	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00001

Origin Terminal Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"OT=Origin Terminal Name
N102	93	Taxpayer Name	AN	O	1/35	Origin Terminal Name
N103	66	ID Code Qualifier	AN	M	2/2	"TC"=Terminal Control Number Qualifier
N104	67	ID Code	AN	M	9/9	Terminal Control Number

N1~OT~Origin Terminal Name~TC~TX741111

Point Of Destination Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"ST"=Ship To
N102	93	Name	AN	M	2/2	Destination State Abbreviation

N1~ST~AK

Position Holder Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	“CI”=Position Holder Name
N102	93	Taxpayer Name	AN	O	1/35	Position Holder Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	9/11	Taxpayer Number

N1~CI~Position Holder Legal Name~49~11111111115

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

Bill Of Lading Number Segment (Required)

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	M	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	M	1/9	Shipping Document Number

FGS~D~BM~999999999

Bill Of Lading Date Segment (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~095~20140130

Tax Information And Amount Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
TIA01	817	Tax Information ID Number	AN	M	4/4	"5005"=Net 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~5005~~~200~GA

Example Two

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	M	5/7	"00001"=Number assigned to identify line segment of schedules

REF~FJ~00002

Origin Terminal Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"OT=Origin Terminal Name
N102	93	Taxpayer Name	AN	O	1/35	Origin Terminal Name
N103	66	ID Code Qualifier	AN	M	2/2	"TC"=Terminal Control Number Qualifier
N104	67	ID Code	AN	M	9/9	Terminal Control Number

N1~OT~Origin Terminal Name~TC~TX741111

Point Of Destination Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	"ST"=Ship To
N102	93	Name	AN	M	2/2	Destination State Abbreviation

N1~ST~AK

Position Holder Name Segment (Required)

DE	Reference	Element Type	Attribute	Status	Length	Description
N101	98	Entity ID Code	AN	M	2/2	“CI”=Position Holder Name
N102	93	Taxpayer Name	AN	O	1/35	Position Holder Legal Name
N103	66	ID Code Qualifier	AN	M	2/2	"49"=State Assigned ID Number
N104	67	ID Code	AN	M	9/11	Taxpayer Number

N1~CI~Position Holder Legal Name~49~11111111115

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

Bill Of Lading Number Segment (Required)

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	M	2/2	“BM”=Bill of Lading Number
FGS03	127	Reference Identification	AN	M	1/9	Shipping Document Number

FGS~D~BM~123456444

Bill Of Lading Date Segment (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	"5005"=Net 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~5005~~~600~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, must equal ST02

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, must equal GS06

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, must equal ISA13

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