

Updated 9/19/2018

| Change Log | | | |
|------------------|--|--|--|
| Date | Date Description | | |
| October 17, 2018 | Changed Purchaser FEIN, Seller FEIN, and Carrier FEIN for all schedules to allow ME and TR numbers | | |

Submitting XML Returns

The Michigan Department of Treasury (Treasury) will accept XML files for submitting the following returns on e-Services:

- Carrier
- Exporter
- Importer
- Supplier
- Transporter
- Blender
- Marine Diesel
- Terminal Operator Monthly Report

You can find a link to e-Services on the Treasury website [production link not yet available].

XML Transmission Fields Description

There are many elements in the schema that are not used by Treasury. The table below shows a description of each field that is used by Treasury. Fields in the schema that do not appear in the tables below should not be included in the Taxpayer's XML submissions.

| TransmissionHeader (Transmission Header – Required) | | | | |
|---|---|---|---------------------------|--|
| FieldName | Required | Description | Format / Enumeration | |
| | The | following must be included to begin the Transmiss | ionHeader. | |
| | <pre><transmission xmlns="http://www.irs.gov/efile" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemalocation="http://www.irs.gov/efile ./ExtendedCommon/Transmission.xsd"></transmission></pre> | | | |
| Jurisdiction | Yes | Must be "MI" | MI | |
| TransmissionId | Yes | Must be your FEIN or SSN plus timestamp. | ########YYYYMMDDHHMMSS | |
| Timestamp | Yes | The time stamp at the time of transmission. | YYYY-MM-DDTHH:MM:SSZ | |
| Transmitter | Yes | Taxpayer's State Employer Account Number | Numeric, max length of 20 | |
| ProcessType | Yes | Type of file being transmitted. | Choose One: | |
| | | T – Test | Т | |
| | | P – Production | P | |

| MotorFuelsFiling (Filing Information – Required) | | | |
|---|--------------|--|--|
| FieldName | Required | Description | |
| SubmissionId | Yes | Unique Id for you and your system. | Numeric, max length of 20 |
| | | MotorFuelsHeader | |
| | | (Return Header – Required) | |
| FieldName | Required | Description | |
| Michigan Treasury Motor Fu | iel XML does | not use a Sender Code . You can populate this with | any value if your software is requiring the field. |
| Jurisdiction | Yes | Should be "MI" | MI |
| Timestamp | Yes | The date and time when the return was created. | YYYY-MM-DDTHH:MM:SSZ |
| TaxPeriodEndDate | Yes | Month or Quarter End Date. | YYYY-MM-DD |
| AmendedReturnIndicator | No | Designates XML Contains an Amended Return X – Amendment Exists | X |
| TypeOfFiling | Yes | Original or Amendment Return | Choose One: |
| | | Original – Original Return | Original |
| | | Resubmit – Amendment Return | Resubmit |
| Filer | Yes | | |
| FEIN | | Taxpayer's FEIN | ######## |
| SSN | | Taxpayer's SSN | ######## |
| ME | | Taxpayer's Michigan Enterprise Number | ME###### |
| TR | | Taxpayer's Treasury Number | TR###### |
| | | CarrierReport | |
| | | (Carrier Report) | |
| FieldName | Required | Description | Format / Enumeration |
| reportUOM | Yes | Only Gallons is accepted. | Gallons |
| reportCurrency | Yes | Only USD is accepted. | USD |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 |
| CarrierSchedule | No | Carrier Report Schedule Documents | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: |
| | | 14A – Transporter – Michigan to Another State | 14A |
| | | 14B – Transporter – Out-of-State to Michigan | 14B |
| | | 14C – Intrastate Deliveries | 14C |

| ProductCode | Yes | Fuel Code | See Fuel Code Enumerations in the Appendix for |
|-------------------------------------|--------------|--|---|
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. |
| | | Validation is performed in the schema. | |
| Mode | Yes | Mode | Choose One: |
| | | B - Barge | В |
| | | PL – Pipeline | PL |
| PurchaserSellerName | Yes | Purchaser Name | Alphanumeric, max length of 50 |
| PurchaserSellerFEIN | Yes | Purchaser FEIN | ########/TR######/ME###### |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 |
| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### |
| BillOfLadingNum | Yes | Bill of Lading Number | Alphanumeric, max length of 15 |
| BillOfLadingDate | Yes | Bill of Lading Date | YYYY-MM-DD |
| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 |
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 |
| A Terminal Control | Number or Ci | ty & Jurisdiction (State) is required. Both attributes i | must be included even if the values are blank. |
| Origin | Yes | Origin | |
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### |
| Address | Yes | Origin Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |

| City | Yes | Origin City | Alpha Characters, max length of 22 |
|---|--------------|---|---|
| MexicanState | Yes | Origin State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ty & Jurisdiction (State) is required. Both attribute | es must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Destination ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |

| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
|---|------------------|---|--|
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 |
| | · | ExporterReport | |
| | | (Exporter Report) | |
| FieldName | Required | Description | Format / Enumeration |
| reportUOM | Yes | Only Gallons is accepted. | Gallons |
| reportCurrency | Yes | Only USD is accepted. | USD |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 |
| ExporterSchedule | No | Exporter Report Schedule Documents | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: |
| | | 7A – Export – Destination State Tax Collected | 7A |
| | | 7B – Export – Michigan Tax Collected | 7B |
| ProductCode | Yes | Fuel Code | See Fuel Code Enumerations in the Appendix for |
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. |
| | | Validation is performed in the schema. | |
| Mode | Yes | Mode | Choose One: |
| | | J – Truck | J |
| | | R – Rail | R |
| PurchaserSellerName | Yes | Purchaser Name | Alphanumeric, max length of 50 |
| PurchaserSellerFEIN | Yes | Purchaser FEIN | ########/TR######/ME###### |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 |
| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### |
| BillOfLadingNum | Yes | Bill of Lading Number | Numeric, max length of 15 |
| BillOfLadingDate | Yes | Bill of Lading Date | YYYY-MM-DD |
| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 |
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 |
| A Terminal Control N | lumber or City & | & Jurisdiction (State) is required. Both attributes n | nust be included even if the values are blank. |

| Origin | Yes | Origin | |
|---|--------------|---|---|
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### |
| Address | Yes | Origin Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Origin State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ty & Jurisdiction (State) is required. Both attribute | es must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |

| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
|---|----------|---|--|
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See <i>U.S. State Enumerations</i> in the Appendix for acceptable values. |
| ZIPCode | No | Destination ZIP Code | #### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See <i>Canada Province Enumerations</i> in the Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See <i>Mexico State Enumerations</i> in the Appendix for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See <i>Country Enumerations</i> in the Appendix for acceptable values. |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 |
| | | ImporterReport (Importer Return) | |
| FieldName | Required | Description | Format / Enumeration |
| reportUOM | Yes | Only Gallons is accepted. | Gallons |
| reportCurrency | Yes | Only USD is accepted. | USD |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 |
| ImporterSchedule | No | Importer Report Schedule Documents | |
| ScheduleCode | Yes | Return Schedule Code 1 – Tax Paid Gallons | Choose One: |
| | | 1 - Lax Lain Agiinis | 1 |

| | | 3 – Import from Another State | 3 |
|---------------------|-----|---|--|
| | | 3B – Import from Another State (Gallons in | 3B |
| | | Storage Outside of Michigan) | 5 |
| | | 5 – All Tax Paid Disbursements | 5C |
| | | 5C – All Tax Paid Disbursements – Aviation Fuel | 5F |
| | | 5F – Dyed Diesel Sold Taxable | 5Z |
| | | 5Z – All Tax Paid Disbursements – Racing Fuel | 6 |
| | | 6 – Tax Exempt Fuel | 6F |
| | | 6F – Dyed Diesel Sold Exempt | 6Z |
| | | 6Z – Leaded Racing Fuel Disbursed | 8 |
| | | 8 – Tax Free Sales to Federal Government | 9 |
| | | 9 – Tax Free Sales to State or Local Government | 10G |
| | | 10G – Tax Free Sales to Nonpublic Schools | 10M |
| | | 10M – Tax Free Sales to Fuel Feedstock Users | 11A |
| | | 11A – Diversion to Michigan | 11B |
| | | 11B – Diversion from Michigan | |
| | | | |
| ProductCode | Yes | Fuel Code | See Fuel Code Enumerations in the Appendix for |
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. |
| | | Validation is performed in the schema. | · |
| Mode | Yes | Mode | Choose One: |
| | | J – Truck | J |
| | | R – Rail | R |
| PurchaserSellerName | Yes | Purchaser or Seller Name | Alphanumeric, max length of 50 |
| | | | |
| | | Seller Name for Schedules 1, 3, 3B | |
| | | | |
| | | Purchaser Name for Schedules 5, 5C, 5F, 5Z, 6, | |
| | | 6F, 6Z, 8, 9, 10G, 10M, 11A, 11B | |
| PurchaserSellerFEIN | Yes | Purchaser or Seller FEIN | ########/TR######/ME###### |
| | | | · |
| | | Seller FEIN for Schedules 1, 3, 3B | |
| | | | |
| l | 1 | | |

| | Purchaser FEIN for Schedules 5, 5C, 5F, 5Z, 6, | |
|-------------|--|---|
| | 6F, 6Z, 8, 9, 10G, 10M, 11A, 11B | |
| Yes | Carrier Name | Alphanumeric, max length of 50 |
| Yes | Carrier FEIN | ########/TR######/ME###### |
| Yes | Bill of Lading Number | Numeric, max length of 15 |
| Yes | Bill of Lading Date | YYYY-MM-DD |
| Yes | Net Gallons | Numeric, max length of 18, can be 0 |
| Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| Yes | Billed Gallons | Numeric, max length of 18, can be 0 |
| umber or Ci | ty & Jurisdiction (State) is required. Both attributes r | nust be included even if the values are blank. |
| Yes | Origin | |
| Yes | Origin Terminal Control Number | A##AA#### |
| Yes | Origin Address | |
| | United States Address | |
| No | Origin Address | Alphanumeric, max length of 255 |
| Yes | Origin City | Alpha Characters, max length of 22 |
| Yes | Origin State | See <i>U.S. State Enumerations</i> in the Appendix for acceptable values. |
| No | Origin ZIP Code | #### |
| | Canadian Address | |
| No | Origin Address | Alphanumeric, max length of 255 |
| Yes | Origin City | Alpha Characters, max of 22 |
| Yes | Origin Province | See Canada Province Enumerations in the Appendix for acceptable values. |
| No | Origin Postal Code | A#A#A# |
| 110 | | АПАПАП |
| No | | Alphanumeric, max length of 255 |
| | | Alpha Characters, max length of 22 |
| _ | · · | See Mexico State Enumerations in the Appendix |
| 103 | origin state | for acceptable values. |
| No | Origin Postal Code | ##### |
| 110 | | |
| No | | Alphanumeric, max length of 255 |
| | Yes | GF, 6Z, 8, 9, 10G, 10M, 11A, 11B |

| City | Yes | Origin City | Alpha Characters, max length of 50 |
|---|--------------|--|---|
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ty & Jurisdiction (State) is required. Both attribut | es must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See <i>U.S. State Enumerations</i> in the Appendix for acceptable values. |
| ZIPCode | No | Destination ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See <i>Country Enumerations</i> in the Appendix for acceptable values. |

| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 | |
|--------------------|----------|---|--------------------------------|--|
| SupplierReport | | | | |
| | | (Supplier Report) | - | |
| FieldName | Required | Description | Format / Enumeration | |
| reportUOM | Yes | Only Gallons is accepted. | Gallons | |
| reportCurrency | Yes | Only USD is accepted. | USD | |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 | |
| SupplierSchedule | No | Supplier Report Schedule Documents | | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: | |
| | | 1 – Tax Paid Gallons | 1 | |
| | | 2C – Import from Outside USA | 2C | |
| | | 2X – Exchange Receipt | 2X | |
| | | 3 – Import from Another State | 3 | |
| | | 3B – Import from Another State | 3B | |
| | | 5 – All Tax Paid Disbursements | 5 | |
| | | 5C – All Tax Paid Disbursements – Aviation Fuel | 5C | |
| | | 5F – Dyed Diesel Sold Taxable | 5F | |
| | | 5Z – All Tax Paid Disbursements – Racing Fuel | 5Z | |
| | | 6 – Tax Exempt Fuel | 6 | |
| | | 6F – Dyed Diesel Sold Exempt | 6F | |
| | | 6P – Fuel Sold to Supplier for Immediate Export | 6P | |
| | | 6X – Exchange Delivery | 6X | |
| | | 6Z – Leaded Racing Fuel Disbursed | 6Z | |
| | | 7A – Export – Destination State Tax Collected | 7A | |
| | | 7B – Export – Michigan Tax Collected | 7B | |
| | | 8 – Tax Free Sales to Federal Government | 8 | |
| | | 9 – Tax Free Sales to State or Local Government | 9 | |
| | | 10B – Aviation Foreign Trade Zone | 10B | |
| | | 10F – Delivery to Tax Free Storage (IRS | 10F | |
| | | Terminal) | 10G | |
| | | 10G – Tax Free Sales to Nonpublic Schools | 10M | |
| | | 10M – Tax Free Sales to Fuel Feedstock Users | 11A | |
| | | 11A – Diversion to Michigan | 11B | |
| | | 11B – Diversion from Michigan | 13C | |

| | | 13C – Credit Card Sales to Federal Government 13F – Gallons Deemed Uncollectable 13H – Credit Card Sales to State or Local Government | 13F 13H |
|---------------------|-----|--|--|
| ProductCode | Yes | Fuel Code Not all Fuel Codes are valid for all schedules. Validation is performed in the schema. | See <i>Fuel Code Enumerations</i> in the Appendix for acceptable values. |
| Mode | Yes | Mode GS – Gas Station J – Truck R – Rail RT – Removal from Terminal | Choose One: GS J R RT |
| PurchaserSellerName | Yes | Purchaser, Seller, or Position Holder Name Purchaser Name for Schedules 5, 5C, 5F, 5Z, 6, 6F, 6P, 6X, 6Z, 7A, 7B, 8, 9, 10B, 10G, 10M, 11A, 11B, 13C, 13F, 13H Seller Name for Schedules 1, 2C, 2X, 3, 3B Position Holder Name for Schedule 10F | Alphanumeric, max length of 50 |
| PurchaserSellerFEIN | Yes | Purchaser, Seller, or Position Holder FEIN Purchaser FEIN for Schedules 5, 5C, 5F, 5Z, 6, 6F, 6P, 6X, 6Z, 7A, 7B, 8, 9, 10B, 10G, 10M, 11A, 11B, 13C, 13F, 13H Seller FEIN for Schedules 1, 2C, 2X, 3, 3B Position Holder FEIN for Schedule 10F | #########/TR#######/ME###### |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 |
| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### |
| BillOfLadingNum | Yes | Bill of Lading Number | Numeric, max length of 15 |
| BillOfLadingDate | Yes | Bill of Lading Date | YYYY-MM-DD |

| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 |
|---|--------------|---|--|
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 |
| A Terminal Control N | lumber or Ci | ity & Jurisdiction (State) is required. Both attrib | butes must be included even if the values are blank. |
| Origin | Yes | Origin | |
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### |
| Address | Yes | Origin Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See <i>U.S. State Enumerations</i> in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Origin State | See <i>Mexico State Enumerations</i> in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ity & Jurisdiction (State) is required. Both attrib | butes must be included even if the values are blank. |

| Destination | Yes | Destination | |
|---|-----|--|--|
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See <i>U.S. State Enumerations</i> in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Destination ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 |
| ForeignTradeZone | Yes | Foreign-Trade Zone? Must be answered on | ZZ |
| | | Schedule 10B when Fuel Code is 130 – Jet Fuel. | |
| | | ZZ – Yes | |
| | | Blank - No | |
| InterstateFlightCredit | No | Credit for Interstate Flights | |

| FuelType | Yes | Fuel Type | Choose One: |
|----------------------------|----------|---|--|
| | | AVI – Aviation Fuel | AVI |
| Amount | Yes | Amount | Currency, accepts #.## |
| TaxDeductedAsUncollectible | No | Tax Recovered that was Deducted as | |
| | | Uncollectible | |
| FuelType | Yes | Fuel Type | Choose One: |
| | | GAS – Gasoline | GAS |
| | | ETH – Ethanol Blends | ETH |
| | | UPD – Undyed Petroleum Diesel | UPD |
| | | UBD – Undyed Biodiesel | UBD |
| | | DYD – Dyed Diesel (Petrol/Biodiesel) | DYD |
| | | AVI – Aviation Fuel | AVI |
| Amount | Yes | Amount | Currency, accepts #.## |
| | | TransporterReport | |
| | | (Transporter – Motor Fuel Report) | |
| FieldName | Required | Description | Format / Enumeration |
| reportUOM | Yes | Only Gallons is accepted. | Gallons |
| reportCurrency | Yes | Only USD is accepted. | USD |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 |
| TransporterSchedule | No | Transporter Report Schedule Documents | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: |
| | | 11A – Diversion to Michigan | 11A |
| | | 11B – Diversion from Michigan | 11B |
| | | 14A – Transporter – Michigan to Another State | 14A |
| | | 14B – Transporter – Out-of-State to Michigan | 14B |
| ProductCode | Yes | Fuel Code | See Fuel Code Enumerations in the Appendix for |
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. |
| | | Validation is performed in the schema. | |
| Mode | Yes | Mode | Choose One: |
| | | J – Truck | J |
| | | R – Rail | R |
| PurchaserSellerName | Yes | Purchaser Name | Alphanumeric, max length of 50 |
| PurchaserSellerFEIN | Yes | Purchaser FEIN | ########/TR######/ME###### |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 |
| | | | |

| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### |
|---|---------------|--|--|
| BillOfLadingNum | Yes | Bill of Lading Number | Numeric, max length of 15 |
| BillOfLadingDate | Yes | Bill of Lading Date | YYYY-MM-DD |
| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 |
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 |
| A Terminal Control N | lumber or Cit | ty & Jurisdiction (State) is required. Both attrib | butes must be included even if the values are blank. |
| Origin | Yes | Origin | |
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### |
| Address | Yes | Origin Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | #### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Origin State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |

| Country | Yes | Origin Country | See <i>Country Enumerations</i> in the Appendix for acceptable values. |
|---|--------------|--|--|
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | Number or Ci | ty & Jurisdiction (State) is required. Both attribut | es must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Destination ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See <i>Country Enumerations</i> in the Appendix for acceptable values. |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 |
| | | Blender Report | |

| (Blender Return) | | | |
|---------------------|----------|---|--|
| FieldName | Required | Description | Format / Enumeration |
| reportUOM | Yes | Only Gallons is accepted. | Gallons |
| reportCurrency | Yes | Only USD is accepted. | USD |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 |
| BlenderSchedule | No | Blender Report Schedule Documents | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: |
| | | 1 – Tax Paid Gallons | 1 |
| | | 2B – Untaxed Gallons | 2B |
| | | 5 – All Tax Paid Disbursements | 5 |
| | | 5C – All Tax Paid Disbursements – Aviation Fuel | 5C |
| | | 5F – Dyed Diesel Sold Taxable | 5F |
| | | 5Z – All Tax Paid Disbursements – Racing Fuel | 5Z |
| | | 6F – Dyed Diesel Sold Exempt | 6F |
| | | 6Z – Leaded Racing Fuel Disbursed | 6Z |
| | | 7A – Export – Destination State Tax Collected | 7A |
| | | 7B – Export – Michigan Tax Collected | 7B |
| | | 8 – Tax Free Sales to Federal Government | 8 |
| | | 9 – Tax Free Sales to State or Local Government | 9 |
| | | 10G – Tax Free Sales to Nonpublic Schools | 10G |
| | | 10M – Tax Free Sales to Fuel Feedstock Users | 10M |
| | | 11A – Diversion to Michigan | 11A |
| ProductCode | Yes | Fuel Code | See Fuel Code Enumerations in the Appendix for |
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. |
| | | Validation is performed in the schema. | |
| Mode | Yes | Mode | Choose One: |
| | | J – Truck | J |
| | | R – Rail | R |
| PurchaserSellerName | Yes | Purchaser or Seller Name | Alphanumeric, max length of 50 |
| | | Purchaser Name for Schedules 5, 5C, 5F, 5Z, 6F, | |
| | | 6Z, 7A, 7B, 8, 9, 10G, 10M, 11A | |
| | | Seller Name for Schedules 1, 2B | |

| PurchaserSellerFEIN | Yes | Purchaser or Seller FEIN | ########/TR######/ME###### |
|-------------------------------------|--------------|--|---|
| | | Purchaser FEIN for Schedules 5, 5C, 5F, 5Z, 6F, | |
| | | 6Z, 7A, 7B, 8, 9, 10G, 10M, 11A | |
| | | 62,77,75,6,5,166,1677,1177 | |
| | | Seller FEIN for Schedules 1, 2B | |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 |
| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### |
| BillOfLadingNum | Yes | Bill of Lading Number | Numeric, max length of 15 |
| BillOfLadingDate | Yes | Bill of Lading Date | YYYY-MM-DD |
| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 |
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 |
| A Terminal Control | Number or Ci | ty & Jurisdiction (State) is required. Both attributes n | nust be included even if the values are blank. |
| Origin | Yes | Origin | |
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### |
| Address | Yes | Origin Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |

| MexicanState | Yes | Origin State | See Mexico State Enumerations in the Appendix |
|---|--------------|---|---|
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ty & Jurisdiction (State) is required. Both attribute | es must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Destination ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |

| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
|----------------------|----------|---|--|
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 |
| | | MarineDieselReport | |
| | | (Retail Marine Diesel Dealer Return) | |
| FieldName | Required | Description | Format / Enumeration |
| reportUOM | Yes | Only Gallons is accepted. | Gallons |
| reportCurrency | Yes | Only USD is accepted. | USD |
| StateLicenseNumber | Yes | Taxpayer's State License Number | Numeric, max length of 20 |
| MarineDieselSchedule | No | Marine Diesel Report Schedule Documents | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: |
| | | 6F – Dyed Diesel Sold Exempt | 6F |
| | | 8 – Tax Free Sales to Federal Government | 8 |
| | | 9 – Tax Free Sales to State or Local Government | 9 |
| | | Government | |
| ProductCode | Yes | Product Code | See Fuel Code Enumerations in the Appendix for |
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. |
| | | Validation is performed in the schema. | |
| Mode | Yes | Mode | Choose One: |
| | | J – Truck | J |
| | | R – Rail | R |
| PurchaserSellerName | Yes | Purchaser Name | Alphanumeric, max length of 50 |
| PurchaserSellerFEIN | Yes | Purchaser FEIN | ########/TR######/ME###### |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 |
| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### |
| BillOfLadingNum | Yes | Bill of Landing Number | Numeric, max length of 15 |
| BillOfLadingDate | Yes | Bill of Landing Date | YYYY-MM-DD |
| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 |
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 |

| Origin | Yes | Origin | |
|---|--------------|--|--|
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### |
| Address | Yes | Origin Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | #### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Origin State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ty & Jurisdiction (State) is required. Both attribut | tes must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| | | - | |

| <usaddress></usaddress> | | United States Address | |
|---|-----|--|---|
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Destination ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max of 22 |
| Province | Yes | Destination Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Destination Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Destination State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Destination Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Destination Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 |
| TaxableMarineGallonsSold | No | Total Gallons of Undyed/Dyed Fuel Sold for | |
| | | Taxable Marine Purposes | |
| FuelType | Yes | Fuel Type | Choose One: |
| | | UPD – Undyed Petroleum Diesel | UPD |
| | | UBD – Undyed Biodiesel | UBD |
| | | DYD – Dyed Diesel (Petrol/Biodiesel) | DYD |
| Amount | Yes | Amount | Numeric, max length of 18, can be 0 |
| | | TerminalOperatorReport | |

| (Terminal Operator – Monthly Report) | | | | | | | | | |
|--------------------------------------|----------------|--|--|--|--|--|--|--|--|
| reportUOM | Yes | Only Gallons is accepted. | Gallons | | | | | | |
| reportCurrency | Yes | Only USD is accepted. | USD | | | | | | |
| TerminalControlNumber | Yes | Terminal Control Number | A##AA#### | | | | | | |
| TerminalOperatorSched | No | Terminal Operator Report Schedule Documents | | | | | | | |
| ScheduleCode | Yes | Return Schedule Code | Choose One: | | | | | | |
| | | 15A – Receipts | 15A | | | | | | |
| | | 15B – Disbursements | 15B | | | | | | |
| ProductCode | Yes | Fuel Code | See Fuel Code Enumerations in the Appendix for | | | | | | |
| | | Not all Fuel Codes are valid for all schedules. | acceptable values. | | | | | | |
| | | Validation is performed in the schema. | | | | | | | |
| Mode | Yes | Mode | Choose One: | | | | | | |
| | | B - Barge | В | | | | | | |
| | | BA – Book Adjustment | BA | | | | | | |
| | | J – Truck | J | | | | | | |
| | | PL – Pipeline | PL | | | | | | |
| | | R – Rail | R | | | | | | |
| | | RT – Removal from Terminal | RT | | | | | | |
| | | ST – Stationary Transfer | ST | | | | | | |
| PurchaserSellerName | Yes | Position Holder Name | Alphanumeric, max length of 50 | | | | | | |
| PurchaserSellerFEIN | Yes | Position Holder FEIN | ########/TR######/ME###### | | | | | | |
| CarrierName | Yes | Carrier Name | Alphanumeric, max length of 50 | | | | | | |
| CarrierFEIN | Yes | Carrier FEIN | ########/TR######/ME###### | | | | | | |
| BillOfLadingNum | Yes | Bill of Lading Number | Alphanumeric, max length of 15 | | | | | | |
| BillOfLadingDate | Yes | Bill of Lading Date | YYYY-MM-DD | | | | | | |
| NetGallons | Yes | Net Gallons | Numeric, max length of 18, can be 0 | | | | | | |
| GrossGallons | Yes | Gross Gallons | Numeric, max length of 18, can be 0 | | | | | | |
| BilledGallons | Yes | Billed Gallons | Numeric, max length of 18, can be 0 | | | | | | |
| A Terminal Control Nur | nber or City 8 | & Jurisdiction (State) is required. Both attributes mu | ist be included even if the values are blank. | | | | | | |
| Origin | Yes | Origin | | | | | | | |
| TerminalCode | Yes | Origin Terminal Control Number | A##AA#### | | | | | | |
| Address | Yes | Origin Address | | | | | | | |
| <usaddress></usaddress> | | United States Address | | | | | | | |

| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
|---|--------------|---|---|
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| State | Yes | Origin State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |
| ZIPCode | No | Origin ZIP Code | ##### |
| <canadianaddress></canadianaddress> | | Canadian Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max of 22 |
| Province | Yes | Origin Province | See Canada Province Enumerations in the |
| | | | Appendix for acceptable values. |
| PostalCode | No | Origin Postal Code | A#A#A# |
| <mexicanaddress></mexicanaddress> | | Mexican Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 22 |
| MexicanState | Yes | Origin State | See Mexico State Enumerations in the Appendix |
| | | | for acceptable values. |
| MexicanPostalCode | No | Origin Postal Code | ##### |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | |
| AddressLine1 | No | Origin Address | Alphanumeric, max length of 255 |
| City | Yes | Origin City | Alpha Characters, max length of 50 |
| ProvinceOrState | No | Origin Province or State | Alpha Characters, max length of 50 |
| Country | Yes | Origin Country | See Country Enumerations in the Appendix for |
| | | | acceptable values. |
| OtherPostalCode | No | Origin Postal Code | Alphanumeric, max length of 20 |
| A Terminal Control N | lumber or Ci | ty & Jurisdiction (State) is required. Both attribute | es must be included even if the values are blank. |
| Destination | Yes | Destination | |
| TerminalCode | Yes | Destination Terminal Control Number | A##AA#### |
| Address | Yes | Destination Address | |
| <usaddress></usaddress> | | United States Address | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 |
| City | Yes | Destination City | Alpha Characters, max length of 22 |
| State | Yes | Destination State | See U.S. State Enumerations in the Appendix for |
| | | | acceptable values. |

| ZIPCode | No | Destination ZIP Code | ##### | | |
|---|-----|--|--|--|--|
| <canadianaddress></canadianaddress> | | Canadian Address | | | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 | | |
| City | Yes | Destination City | Alpha Characters, max of 22 | | |
| Province | Yes | Destination Province | See Canada Province Enumerations in the | | |
| | | | Appendix for acceptable values. | | |
| PostalCode | No | Destination Postal Code | A#A#A# | | |
| <mexicanaddress></mexicanaddress> | | Mexican Address | | | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 | | |
| City | Yes | Destination City | Alpha Characters, max length of 22 | | |
| MexicanState | Yes | Destination State | See <i>Mexico State Enumerations</i> in the Appendix | | |
| | | | for acceptable values. | | |
| MexicanPostalCode | No | Destination Postal Code | ##### | | |
| <otherforeignaddress></otherforeignaddress> | | Other Foreign Address | | | |
| AddressLine1 | No | Destination Address | Alphanumeric, max length of 255 | | |
| City | Yes | Destination City | Alpha Characters, max length of 50 | | |
| ProvinceOrState | No | Destination Province or State | Alpha Characters, max length of 50 | | |
| Country | Yes | Destination Country | See Country Enumerations in the Appendix for | | |
| | | | acceptable values. | | |
| OtherPostalCode | No | Destination Postal Code | Alphanumeric, max length of 20 | | |
| ForeignTradeZone | Yes | Foreign-Trade Zone? Must be answered on | ZZ | | |
| | | Schedule 15B when Fuel Code is 130 – Jet Fuel. | | | |
| | | ZZ – Yes | | | |
| | | Blank - No | | | |
| BeginningInventory | Yes | Beginning Inventory | | | |
| GAS | Yes | Gas Beginning Inventory | Numeric, max length of 18, can be 0 | | |
| ETH | Yes | Ethanol Blends Beginning Inventory | Numeric, max length of 18, can be 0 | | |
| UPD | Yes | Undyed Petroleum Diesel Beginning Inventory | Numeric, max length of 18, can be 0 | | |
| UBD | Yes | Undyed Biodiesel Beginning Inventory | Numeric, max length of 18, can be 0 | | |
| DYD | Yes | Dyed Diesel (Petrol/Biodiesel) Beginning | Numeric, max length of 18, can be 0 | | |
| | | Inventory | | | |
| AVI | Yes | Aviation Fuel Beginning Inventory | Numeric, max length of 18, can be 0 | | |
| JET | Yes | Jet Fuel Beginning Inventory | Numeric, max length of 18, can be 0 | | |

| ОТН | Yes | Other Products Beginning Inventory | Numeric, max length of 18, can be 0 |
|-----------------|-----|---|-------------------------------------|
| EndingInventory | Yes | Ending Inventory | |
| GAS | Yes | Gas Ending Inventory | Numeric, max length of 18, can be 0 |
| ETH | Yes | Ethanol Blends Ending Inventory | Numeric, max length of 18, can be 0 |
| UPD | Yes | Undyed Petroleum Diesel Ending Inventory | Numeric, max length of 18, can be 0 |
| UBD | Yes | Undyed Biodiesel Ending Inventory | Numeric, max length of 18, can be 0 |
| DYD | Yes | Dyed Diesel (Petrol/Biodiesel) Ending Inventory | Numeric, max length of 18, can be 0 |
| AVI | Yes | Aviation Fuel Ending Inventory | Numeric, max length of 18, can be 0 |
| JET | Yes | Jet Fuel Ending Inventory | Numeric, max length of 18, can be 0 |
| OTH | Yes | Other Products Ending Inventory | Numeric, max length of 18, can be 0 |

Appendix

Fuel Code Enumeration

| 052 | Ethane | 054 | Propane | 055 | Butane |
|-----|--|-----|----------------------------------|-----|--------------------------------|
| 058 | Isobutane | 059 | Pentanes (Including Isopentanes) | 061 | Natural Gasoline |
| 065 | Gasoline | 071 | Gasoline – MTBE | 072 | Kerosene, Dyed |
| 073 | Low Sulphur Kerosene, Dyed | 074 | High Sulphur Kerosene, Dyed | 075 | Propylene |
| 076 | Xylene | 090 | Miscellaneous Additive | 091 | Waste Oil |
| 092 | Undefined Product | 093 | MTBE | 100 | Transmix |
| 121 | TAME | 122 | Blending Components | 123 | Alcohol |
| 124 | Gasohol | 125 | Aviation Gasoline | 126 | Napthas |
| 130 | Jet Fuel | 139 | Gasohol 10% | 140 | Gasohol 5.7% |
| 141 | Gasohol 7.7% | 142 | Kerosene, Undyed | 145 | Low Sulphur Kerosene, Undyed |
| 147 | High Sulphur Kerosene, Undyed | 150 | No. 1 Fuel Oil, Undyed | 152 | Heating Oil |
| 153 | Diesel Fuel #4, Dyed | 154 | Diesel Fuel #4, Undyed | 160 | Diesel, Undyed |
| 161 | Low Sulphur Diesel #1, Undyed | 167 | Low Sulphur Diesel #2, Undyed | 196 | Ethylene |
| 198 | Butylene | 199 | Toluene | 223 | Raffinates |
| 224 | Compressed Natural Gas (CNG) | 225 | Liquid Natural Gas | 226 | High Sulphur Diesel, Dyed |
| 227 | Low Sulphur Diesel, Dyed | 228 | Diesel, Dyed | 231 | No. 1 Diesel, Dyed |
| 241 | Ethanol | 243 | Methanol | 248 | Benzene/Benzine |
| 249 | ETBE | 265 | Methane | 279 | Marine Diesel Oil |
| 280 | Marine Gas Oil | 281 | Mineral Oils | 282 | #1 High Sulphur Diesel, Undyed |
| 283 | #2 High Sulphur Diesel, Undyed | 284 | Biodiesel, Undyed (B100) | 285 | Soy Oil |
| 286 | #5/#6 Fuel Oil, Bunker C, Navy Special | 960 | Organic Oil | B00 | Undyed Biodiesel, 100% |
| B01 | Undyed Biodiesel Blend, 01% | B02 | Undyed Biodiesel Blend, 02% | B03 | Undyed Biodiesel Blend, 03% |
| B04 | Undyed Biodiesel Blend, 04% | B05 | Undyed Biodiesel Blend, 05% | B06 | Undyed Biodiesel Blend, 06% |
| B07 | Undyed Biodiesel Blend, 07% | B08 | Undyed Biodiesel Blend, 08% | B09 | Undyed Biodiesel Blend, 09% |
| B10 | Undyed Biodiesel Blend, 10% | B11 | Undyed Biodiesel Blend, 11% | B12 | Undyed Biodiesel Blend, 12% |
| B13 | Undyed Biodiesel Blend, 13% | B14 | Undyed Biodiesel Blend, 14% | B15 | Undyed Biodiesel Blend, 15% |
| B16 | Undyed Biodiesel Blend, 16% | B17 | Undyed Biodiesel Blend, 17% | B18 | Undyed Biodiesel Blend, 18% |
| B19 | Undyed Biodiesel Blend, 19% | B20 | Undyed Biodiesel Blend, 20% | B21 | Undyed Biodiesel Blend, 21% |
| B22 | Undyed Biodiesel Blend, 22% | B23 | Undyed Biodiesel Blend, 23% | B24 | Undyed Biodiesel Blend, 24% |
| B25 | Undyed Biodiesel Blend, 25% | B26 | Undyed Biodiesel Blend, 26% | B27 | Undyed Biodiesel Blend, 27% |

| B28 | Undyed Biodiesel Blend, 28% | B29 | Undyed Biodiesel Blend, 29% | B30 | Undyed Biodiesel Blend, 30% |
|-----|-----------------------------|-----|-----------------------------|-----|-----------------------------|
| B31 | Undyed Biodiesel Blend, 31% | B32 | Undyed Biodiesel Blend, 32% | B33 | Undyed Biodiesel Blend, 33% |
| B34 | Undyed Biodiesel Blend, 34% | B35 | Undyed Biodiesel Blend, 35% | B36 | Undyed Biodiesel Blend, 36% |
| B37 | Undyed Biodiesel Blend, 37% | B38 | Undyed Biodiesel Blend, 38% | B39 | Undyed Biodiesel Blend, 39% |
| B40 | Undyed Biodiesel Blend, 40% | B41 | Undyed Biodiesel Blend, 41% | B42 | Undyed Biodiesel Blend, 42% |
| B43 | Undyed Biodiesel Blend, 43% | B44 | Undyed Biodiesel Blend, 44% | B45 | Undyed Biodiesel Blend, 45% |
| B46 | Undyed Biodiesel Blend, 46% | B47 | Undyed Biodiesel Blend, 47% | B48 | Undyed Biodiesel Blend, 48% |
| B49 | Undyed Biodiesel Blend, 49% | B50 | Undyed Biodiesel Blend, 50% | B51 | Undyed Biodiesel Blend, 51% |
| B52 | Undyed Biodiesel Blend, 52% | B53 | Undyed Biodiesel Blend, 53% | B54 | Undyed Biodiesel Blend, 54% |
| B55 | Undyed Biodiesel Blend, 55% | B56 | Undyed Biodiesel Blend, 56% | B57 | Undyed Biodiesel Blend, 57% |
| B58 | Undyed Biodiesel Blend, 58% | B59 | Undyed Biodiesel Blend, 59% | B60 | Undyed Biodiesel Blend, 60% |
| B61 | Undyed Biodiesel Blend, 61% | B62 | Undyed Biodiesel Blend, 62% | B63 | Undyed Biodiesel Blend, 63% |
| B64 | Undyed Biodiesel Blend, 64% | B65 | Undyed Biodiesel Blend, 65% | B66 | Undyed Biodiesel Blend, 66% |
| B67 | Undyed Biodiesel Blend, 67% | B68 | Undyed Biodiesel Blend, 68% | B69 | Undyed Biodiesel Blend, 69% |
| B70 | Undyed Biodiesel Blend, 70% | B71 | Undyed Biodiesel Blend, 71% | B72 | Undyed Biodiesel Blend, 72% |
| B73 | Undyed Biodiesel Blend, 73% | B74 | Undyed Biodiesel Blend, 74% | B75 | Undyed Biodiesel Blend, 75% |
| B76 | Undyed Biodiesel Blend, 76% | B77 | Undyed Biodiesel Blend, 77% | B78 | Undyed Biodiesel Blend, 78% |
| B79 | Undyed Biodiesel Blend, 79% | B80 | Undyed Biodiesel Blend, 80% | B81 | Undyed Biodiesel Blend, 81% |
| B82 | Undyed Biodiesel Blend, 82% | B83 | Undyed Biodiesel Blend, 83% | B84 | Undyed Biodiesel Blend, 84% |
| B85 | Undyed Biodiesel Blend, 85% | B86 | Undyed Biodiesel Blend, 86% | B87 | Undyed Biodiesel Blend, 87% |
| B88 | Undyed Biodiesel Blend, 88% | B89 | Undyed Biodiesel Blend, 89% | B90 | Undyed Biodiesel Blend, 90% |
| B91 | Undyed Biodiesel Blend, 91% | B92 | Undyed Biodiesel Blend, 92% | B93 | Undyed Biodiesel Blend, 93% |
| B94 | Undyed Biodiesel Blend, 94% | B95 | Undyed Biodiesel Blend, 95% | B96 | Undyed Biodiesel Blend, 96% |
| B97 | Undyed Biodiesel Blend, 97% | B98 | Undyed Biodiesel Blend, 98% | B99 | Undyed Biodiesel Blend, 99% |
| D00 | Dyed Biodiesel, 100% | D01 | Dyed Biodiesel Blend, 01% | D02 | Dyed Biodiesel Blend, 02% |
| D03 | Dyed Biodiesel Blend, 03% | D04 | Dyed Biodiesel Blend, 04% | D05 | Dyed Biodiesel Blend, 05% |
| D06 | Dyed Biodiesel Blend, 06% | D07 | Dyed Biodiesel Blend, 07% | D08 | Dyed Biodiesel Blend, 08% |
| D09 | Dyed Biodiesel Blend, 09% | D10 | Dyed Biodiesel Blend, 10% | D11 | Dyed Biodiesel Blend, 11% |
| D12 | Dyed Biodiesel Blend, 12% | D13 | Dyed Biodiesel Blend, 13% | D14 | Dyed Biodiesel Blend, 14% |
| D15 | Dyed Biodiesel Blend, 15% | D16 | Dyed Biodiesel Blend, 16% | D17 | Dyed Biodiesel Blend, 17% |
| D18 | Dyed Biodiesel Blend, 18% | D19 | Dyed Biodiesel Blend, 19% | D20 | Dyed Biodiesel Blend, 20% |
| D21 | Dyed Biodiesel Blend, 21% | D22 | Dyed Biodiesel Blend, 22% | D23 | Dyed Biodiesel Blend, 23% |
| D24 | Dyed Biodiesel Blend, 24% | D25 | Dyed Biodiesel Blend, 25% | D26 | Dyed Biodiesel Blend, 26% |

| D27 | Dyed Biodiesel Blend, 27% | D28 | Dyed Biodiesel Blend, 28% | D29 | Dyed Biodiesel Blend, 29% |
|-----|---------------------------|-----|---------------------------|-----|---------------------------|
| D30 | Dyed Biodiesel Blend, 30% | D31 | Dyed Biodiesel Blend, 31% | D32 | Dyed Biodiesel Blend, 32% |
| D33 | Dyed Biodiesel Blend, 33% | D34 | Dyed Biodiesel Blend, 34% | D35 | Dyed Biodiesel Blend, 35% |
| D36 | Dyed Biodiesel Blend, 36% | D37 | Dyed Biodiesel Blend, 37% | D38 | Dyed Biodiesel Blend, 38% |
| D39 | Dyed Biodiesel Blend, 39% | D40 | Dyed Biodiesel Blend, 40% | D41 | Dyed Biodiesel Blend, 41% |
| D42 | Dyed Biodiesel Blend, 42% | D43 | Dyed Biodiesel Blend, 43% | D44 | Dyed Biodiesel Blend, 44% |
| D45 | Dyed Biodiesel Blend, 45% | D46 | Dyed Biodiesel Blend, 46% | D47 | Dyed Biodiesel Blend, 47% |
| D48 | Dyed Biodiesel Blend, 48% | D49 | Dyed Biodiesel Blend, 49% | D50 | Dyed Biodiesel Blend, 50% |
| D51 | Dyed Biodiesel Blend, 51% | D52 | Dyed Biodiesel Blend, 52% | D53 | Dyed Biodiesel Blend, 53% |
| D54 | Dyed Biodiesel Blend, 54% | D55 | Dyed Biodiesel Blend, 55% | D56 | Dyed Biodiesel Blend, 56% |
| D57 | Dyed Biodiesel Blend, 57% | D58 | Dyed Biodiesel Blend, 58% | D59 | Dyed Biodiesel Blend, 59% |
| D60 | Dyed Biodiesel Blend, 60% | D61 | Dyed Biodiesel Blend, 61% | D62 | Dyed Biodiesel Blend, 62% |
| D63 | Dyed Biodiesel Blend, 63% | D64 | Dyed Biodiesel Blend, 64% | D65 | Dyed Biodiesel Blend, 65% |
| D66 | Dyed Biodiesel Blend, 66% | D67 | Dyed Biodiesel Blend, 67% | D68 | Dyed Biodiesel Blend, 68% |
| D69 | Dyed Biodiesel Blend, 69% | D70 | Dyed Biodiesel Blend, 70% | D71 | Dyed Biodiesel Blend, 71% |
| D72 | Dyed Biodiesel Blend, 72% | D73 | Dyed Biodiesel Blend, 73% | D74 | Dyed Biodiesel Blend, 74% |
| D75 | Dyed Biodiesel Blend, 75% | D76 | Dyed Biodiesel Blend, 76% | D77 | Dyed Biodiesel Blend, 77% |
| D78 | Dyed Biodiesel Blend, 78% | D79 | Dyed Biodiesel Blend, 79% | D80 | Dyed Biodiesel Blend, 80% |
| D81 | Dyed Biodiesel Blend, 81% | D82 | Dyed Biodiesel Blend, 82% | D83 | Dyed Biodiesel Blend, 83% |
| D84 | Dyed Biodiesel Blend, 84% | D85 | Dyed Biodiesel Blend, 85% | D86 | Dyed Biodiesel Blend, 86% |
| D87 | Dyed Biodiesel Blend, 87% | D88 | Dyed Biodiesel Blend, 88% | D89 | Dyed Biodiesel Blend, 89% |
| D90 | Dyed Biodiesel Blend, 90% | D91 | Dyed Biodiesel Blend, 91% | D92 | Dyed Biodiesel Blend, 92% |
| D93 | Dyed Biodiesel Blend, 93% | D94 | Dyed Biodiesel Blend, 94% | D95 | Dyed Biodiesel Blend, 95% |
| D96 | Dyed Biodiesel Blend, 96% | D97 | Dyed Biodiesel Blend, 97% | D98 | Dyed Biodiesel Blend, 98% |
| D99 | Dyed Biodiesel Blend, 99% | E00 | Ethanol, 100% | E01 | Ethanol Blend, 01% |
| E02 | Ethanol Blend, 02% | E03 | Ethanol Blend, 03% | E04 | Ethanol Blend, 04% |
| E05 | Ethanol Blend, 05% | E06 | Ethanol Blend, 06% | E07 | Ethanol Blend, 07% |
| E08 | Ethanol Blend, 08% | E09 | Ethanol Blend, 09% | E10 | Ethanol Blend, 10% |
| E11 | Ethanol Blend, 11% | E12 | Ethanol Blend, 12% | E13 | Ethanol Blend, 13% |
| E14 | Ethanol Blend, 14% | E15 | Ethanol Blend, 15% | E16 | Ethanol Blend, 16% |
| E17 | Ethanol Blend, 17% | E18 | Ethanol Blend, 18% | E19 | Ethanol Blend, 19% |
| E20 | Ethanol Blend, 20% | E21 | Ethanol Blend, 21% | E22 | Ethanol Blend, 22% |
| E23 | Ethanol Blend, 23% | E24 | Ethanol Blend, 24% | E25 | Ethanol Blend, 25% |

| E26 | Ethanol Blend, 26% | E27 | Ethanol Blend, 27% | E28 | Ethanol Blend, 28% |
|-----|--------------------|-----|--------------------|-----|--------------------|
| E29 | Ethanol Blend, 29% | E30 | Ethanol Blend, 30% | E31 | Ethanol Blend, 31% |
| E32 | Ethanol Blend, 32% | E33 | Ethanol Blend, 33% | E34 | Ethanol Blend, 34% |
| E35 | Ethanol Blend, 35% | E36 | Ethanol Blend, 36% | E37 | Ethanol Blend, 37% |
| E38 | Ethanol Blend, 38% | E39 | Ethanol Blend, 39% | E40 | Ethanol Blend, 40% |
| E41 | Ethanol Blend, 41% | E42 | Ethanol Blend, 42% | E43 | Ethanol Blend, 43% |
| E44 | Ethanol Blend, 44% | E45 | Ethanol Blend, 45% | E46 | Ethanol Blend, 46% |
| E47 | Ethanol Blend, 47% | E48 | Ethanol Blend, 48% | E49 | Ethanol Blend, 49% |
| E50 | Ethanol Blend, 50% | E51 | Ethanol Blend, 51% | E52 | Ethanol Blend, 52% |
| E53 | Ethanol Blend, 53% | E54 | Ethanol Blend, 54% | E55 | Ethanol Blend, 55% |
| E56 | Ethanol Blend, 56% | E57 | Ethanol Blend, 57% | E58 | Ethanol Blend, 58% |
| E59 | Ethanol Blend, 59% | E60 | Ethanol Blend, 60% | E61 | Ethanol Blend, 61% |
| E62 | Ethanol Blend, 62% | E63 | Ethanol Blend, 63% | E64 | Ethanol Blend, 64% |
| E65 | Ethanol Blend, 65% | E66 | Ethanol Blend, 66% | E67 | Ethanol Blend, 67% |
| E68 | Ethanol Blend, 68% | E69 | Ethanol Blend, 69% | E70 | Ethanol Blend, 70% |
| E71 | Ethanol Blend, 71% | E72 | Ethanol Blend, 72% | E73 | Ethanol Blend, 73% |
| E74 | Ethanol Blend, 74% | E75 | Ethanol Blend, 75% | E76 | Ethanol Blend, 76% |
| E77 | Ethanol Blend, 77% | E78 | Ethanol Blend, 78% | E79 | Ethanol Blend, 79% |
| E80 | Ethanol Blend, 80% | E81 | Ethanol Blend, 81% | E82 | Ethanol Blend, 82% |
| E83 | Ethanol Blend, 83% | E84 | Ethanol Blend, 84% | E85 | Ethanol Blend, 85% |
| E86 | Ethanol Blend, 86% | E87 | Ethanol Blend, 87% | E88 | Ethanol Blend, 88% |
| E89 | Ethanol Blend, 89% | E90 | Ethanol Blend, 90% | E91 | Ethanol Blend, 91% |
| E92 | Ethanol Blend, 92% | E93 | Ethanol Blend, 93% | E94 | Ethanol Blend, 94% |
| E95 | Ethanol Blend, 95% | E96 | Ethanol Blend, 96% | E97 | Ethanol Blend, 97% |
| E98 | Ethanol Blend, 98% | E99 | Ethanol Blend, 99% | | |

U.S. State Enumerations

| AL | Alabama | AK | Alaska | ΑZ | Arizona |
|----|-------------|----|------------|----|----------------------|
| AR | Arkansas | CA | California | CO | Colorado |
| СТ | Connecticut | DE | Delaware | DC | District of Columbia |
| FL | Florida | GA | Georgia | GU | Guam |
| HI | Hawaii | ID | Idaho | IL | Illinois |

| IN | Indiana | IA | Iowa | KS | Kansas |
|----|------------------|----|------------------|----|--------------------------|
| KY | Kentucky | LA | Louisiana | ME | Maine |
| MD | Maryland | MA | Massachusetts | MI | Michigan |
| MN | Minnesota | MS | Mississippi | МО | Missouri |
| MT | Montana | NE | Nebraska | NV | Nevada |
| NH | New Hampshire | NJ | New Jersey | NM | New Mexico |
| NY | New York | NC | North Carolina | ND | North Dakota |
| ОН | Ohio | ОК | Oklahoma | OR | Oregon |
| PA | Pennsylvania | PR | Puerto Rico | RI | Rhode Island |
| SC | South Carolina | SD | South Dakota | TN | Tennessee |
| TX | Texas | UT | Utah | VT | Vermont |
| VI | Virgin Islands | VA | Virginia | WA | Washington |
| WV | West Virginia | WI | Wisconsin | WY | Wyoming |
| AS | American Samoa | МН | Marshall Islands | MP | Northern Mariana Islands |
| AA | APO/FPO Americas | AE | APO/FPO Europe | AP | APO/FPO Pacific |

Canada Province Enumerations

| AB | Alberta | ВС | British Columbia | MB | Manitoba |
|----|----------------------|----|------------------|----|---------------------|
| NB | New Brunswick | NL | Newfoundland | NT | Northwest Territory |
| NS | Nova Scotia | NU | Nunavut | ON | Ontario |
| PE | Prince Edward Island | QC | Quebec | SK | Saskatchewan |
| YT | Yukon Territory | | | | |

Mexico State Enumerations

| AG | Aguascalientes | ВС | Baja California | CS | Baja California Sur |
|----|----------------|----|-----------------|----|---------------------|
| CM | Campeche | CS | Chiapas | СН | Chihuahua |
| CO | Coahuila | CL | Colima | DF | Distrito Federal |
| DG | Durango | GT | Guanajuato | GR | Guerroro |
| HG | Hidalgo | JA | Jalisco | MX | Mexico |
| MI | Michoacán | МО | Morelos | NA | Nayarit |
| NL | Nuevo Leon | OA | Oaxaca | PU | Puebla |

| QT | Queretaro | QR | Quintana Roo | SL | San Luis Potosi |
|----|------------|----|--------------|----|-----------------|
| SI | Sinaloa | SO | Sonora | ТВ | Tabasco |
| TM | Tamaulipas | TL | Tlaxcala | VE | Veracruz |
| YU | Yucatan | ZA | Zacatecas | | |

Country Enumerations

| Courr | cry Erramicrations | | | | |
|-------|--------------------------------|----|-----------------------------|----|-----------------------------------|
| AF | Afghanistan | AX | Akrotiri | AL | Albania |
| AG | Algeria | AQ | American Samoa | AN | Andorra |
| AO | Angola | AV | Anguilla | AY | Antarctica |
| AC | Antigua and Barbuda | AR | Argentina | AM | Armenia |
| AA | Aruba | AT | Ashmore and Cartier Islands | AS | Australia |
| AU | Austria | AJ | Azerbaijan | BF | Bahamas |
| ВА | Bahrain | FQ | Baker Island | BG | Bangladesh |
| ВВ | Barbados | ВО | Belarus | BE | Belgium |
| ВН | Belize | BN | Benin | BD | Bermuda |
| ВТ | Bhutan | BL | Bolivia | BK | Bosnia-Herzegovina |
| ВС | Botswana | BV | Bovet Island | BR | Brazil |
| Ю | British Indian Ocean Territory | VI | British Virgin Islands | BX | Brunei |
| BU | Bulgaria | UV | Burkina Faso | BM | Burma |
| BY | Burundi | СВ | Cambodia | CM | Cameroon |
| CV | Cape Verde | CJ | Cayman Islands | CT | Central Africa Republic |
| CD | Chad | CI | Chile | СН | China |
| KT | Christmas Island | IP | Clipperton Island | CK | Cocos (Keeling) Islands |
| СО | Colombia | CN | Comoros | CF | Congo (Brazzaville) |
| CG | Congo (Kinshasa) | CW | Cook Islands | CR | Coral Sea Islands |
| CS | Costra Rica | IV | Cote D'Ivoire (Ivory Coast) | HR | Croatia |
| CU | Cuba | UC | Curacao | CY | Cyprus |
| EZ | Czech Republic | DA | Denmark | DX | Dhekelia |
| DJ | Djibouti | DO | Dominica | DR | Dominican Republic |
| TT | East Timor | EC | Ecuador | EG | Egypt |
| ES | El Salvador | EK | Equatorial Guinea | ER | Eritrea |
| EN | Estonia | ET | Ethiopia | FK | Falkland Islands (Islas Malvinas) |
| | | | | | |

| FO | Faroe Islands | FM | Federated States of Micronesia | FJ | Fiji |
|----|-------------------------------------|----|--------------------------------|----|-----------------------------------|
| FI | Finland | FR | France | FP | French Polynesia |
| FS | French Southern and Antarctic Lands | GB | Gabon | GA | The Gambia |
| GG | Georgia | GM | Germany | GH | Ghana |
| GI | Gibraltar | GR | Greece | GL | Greenland |
| GJ | Grenada | GQ | Guam | GT | Guatemala |
| GK | Guernsey | GV | Guinea | PU | Guinea-Bissau |
| GY | Guyana | НА | Haiti | НМ | Heard Island and McDonald Islands |
| VT | Holy See | НО | Honduras | HK | Hong Kong |
| HQ | Howland Island | HU | Hungary | IC | Iceland |
| IN | India | ID | Indonesia | IR | Iran |
| ΙZ | Iraq | EI | Ireland | IS | Israel |
| IT | Italy | JM | Jamaica | JN | Jan Mayen |
| JA | Japan | DQ | Jarvis Island | JE | Jersey |
| JQ | Johnston Atoll | JO | Jordan | KZ | Kazakhstan |
| KE | Kenya | KQ | Kingman Reef | KR | Kiribati |
| KN | North Korea | KS | South Korea | KV | Kosovo |
| KU | Kuwait | KG | Kyrgyzstan | LA | Laos |
| LG | Latvia | LE | Lebanon | LT | Lesotho |
| LI | Liberia | LY | Libya | LS | Liechtenstein |
| LH | Lithuania | LU | Luxembourg | MC | Macau |
| MK | Macedonia | MA | Madagascar | MI | Malawi |
| MY | Malaysia | MV | Maldives | ML | Mali |
| MT | Malta | IM | Man, Isle of | RM | Marshall Islands |
| MR | Mauritania | MP | Mauritius | MF | Mayotte |
| MQ | Midway Islands | MD | Moldova | MN | Monaco |
| MG | Mongolia | MJ | Montenegro | МН | Montserrat |
| МО | Morocco | MZ | Mozambique | WA | Namibia |
| NR | Nauru | BQ | Navassa Island | NP | Nepal |
| NL | Netherlands | NC | New Caledonia | NZ | New Zealand |
| NU | Nicaragua | NG | Niger | NI | Nigeria |
| NE | Niue | NF | Norfolk Island | CQ | Northern Mariana Islands |
| NO | Norway | MU | Oman | OC | Other Country |

| PK | Pakistan | PS | Palau | LQ | Palmyra Atoll |
|----|--------------------------------|----|------------------------------------|----|-------------------------|
| PM | Panama | PP | Papua-New Guinea | PF | Paracel Islands |
| PA | Paraguay | PE | Peru | RP | Philippines |
| PC | Pitcairn Islands | PL | Poland | РО | Portugal |
| RQ | Puerto Rico | QA | Qatar | RO | Romania |
| RS | Russia | RW | Rwanda | ТВ | Saint Barthelemy |
| RN | Saint Martin | WS | Samoa | SM | San Marino |
| TP | Sao Tome and Principe | SA | Saudi Arabia | SG | Senegal |
| RI | Serbia | SE | Seychelles | SL | Sierra Leone |
| SN | Singapore | NN | Sint Maarten | LO | Slovakia |
| SI | Slovenia | BP | Solomon Islands | SO | Somalia |
| SF | South Africa | SX | South Georgia and Sandwich Islands | SP | Spain |
| PG | Spratly Islands | CE | Sri Lanka | SH | St. Helena |
| SC | St. Kitts and Nevis | ST | St. Lucia Island | SB | St. Pierre and Miquelon |
| VC | St. Vincent and the Grenadines | SU | Sudan | NS | Suriname |
| SV | Svalbard | WZ | Swaziland | SW | Sweden |
| SZ | Switzerland | SY | Syria | TW | Taiwan |
| TI | Tajikistan | TZ | Tanzania | TH | Thailand |
| TO | Togo | TL | Tokelau | TN | Tonga |
| TD | Trinidad and Tobago | TS | Tunisia | TU | Turkey |
| TX | Turkmenistan | TK | Turks and Caicos Islands | TV | Tuvalu |
| UG | Uganda | UP | Ukraine | AE | United Arab Emirates |
| UK | United Kingdom | UY | Uruguay | UZ | Uzbekistan |
| NH | Vanuatu | VE | Venezuela | VM | Vietnam |
| VQ | Virgin Islands | WQ | Wake Island | WF | Wallis and Futuna |
| WI | Western Sahara | YM | Yemen (Aden) | ZA | Zambia |
| ZI | Zimbabwe | | | | |