Oregon Truck Tracking Online
OTTOExchange Technical Specifications

The Oregon Department of Transportation provides this web service as an interface for private sector companies to automate collection of weight/mile and Road Use Assessment Fee data and to electronically report and pay taxes.

These technical specifications describe the XML interface for the OTTOExchange web service. This information is intended for software developers.

Interface

Web services allow different applications from different sources to communicate with each other without time-consuming custom coding. All communication is in XML.

The OTTOExchange web service consists of specific methods described in this document.

Access

This web service uses an HTTPS request and returns data as XML for parsing and/or processing by your application. The service base URL for testing is -
https://ottotctest.odot.state.or.us/OTTO/services/OTTOExchange?wsdl

The OTTOExchange web service requires the client to authenticate through HTTP basic authentication over SSL. This means the client application must set the HTTPS header with valid user ID and password.

Communication Protocol

To allow and facilitate the exchange of information and the remote development on different platforms, the communication protocol used is the industry standard SOAP (Simple Object Access Protocol). The main advantage of SOAP protocol is the availability of pre-compiled libraries within the major development platforms such as .NET, PHP, and Java that facilitate the remote computing practices.

The SOAP communication protocol allows using at least two different transport layers, HTTP and HTTPS. To secure the integrity of the sensitive data being transferred, all transmissions encrypt SOAP messages through the Secure Socket Layer (SSL) over HTTPS.

OTTOExchange Methods

- ❖ **getCarrier** - This method returns Motor Carrier customer data from CCD's database.

- ❖ **getTaxTableA** - This method returns the tax rate table for trucks weighing from 26,001 pounds to 80,000 pounds.

- ❖ **getTaxTableB** - This method returns the tax rate table for trucks weighing from 80,001 pounds to 105,500 pounds.

- ❖ **getTaxTableF** - This method returns the tax rate table for trucks reporting flat tax.

- ❖ **getVehicles** – This method returns motor carrier vehicles active during a selected reporting period. The information is used to file weight-mile tax (WMT) reports and make payments.

- ❖ **prepareWMTReport** – This method is used to submit WMT reports for validation.

- ❖ **processWMTReport** – This method is used to process and make payment on WMT reports.

- ❖ **getWMTReport** – This method is used to obtain a completed WMT report.

- ❖ **getRUAFRateTable -** This method returns the Road Use Assessment Fee (RUAF) table for heavy haul operations over 98,000 pounds.

- ❖ **getODSingleTripPermits** – This method returns Single Trip Permits (STP's) issued to a carrier for heavy haul operations. The information is used to file RUAF reports and make payments.

- ❖ **prepareRUAFReport** – This method is used to submit RUAF reports for validation.

- ❖ **processRUAFReport** – This method is used to process and make payment on RUAF reports.

- ❖ **getRUAFReport** – This method is used to obtain a completed RUAF report.

getCarrier

Description

This method returns Motor Carrier customer data from CCD's database.

Carrier **getCarrier** (string **accountNumber**)

Input parameters

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which information is requested.

Return Carrier

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which information is requested.
carrierName	String	1..1	<carrierName> is the motor carrier's name.
classes	String	1..1	<classes> is the class of authority issued by ODOT for transportation services in Oregon.
feeCode	String	1..1	<feeCode> is the fee basis declared by the motor carrier for tax reporting.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

accountNumber
>   <accountNumber> is the CCD account number for the motor carrier on which information is
>   requested.

carrierName
>   <carrierName> is the motor carrier's name.

classes
>   <classes> is the level of authority issued by ODOT for transportation services in Oregon.
>   "1A" - Property other than household goods for-hire.
>   "1B" - Local cartage household goods for-hire under
>   "3A" - Private – Oregon based Permit
>   "3F" - Oregon-based Farm See
>   "4A" - Interstate regulated commodities for-hire.
>   "4E" - Interstate – exempt for-hire.
>   "6A" - Private – foreign based.
>   "6F" - Out-of-State based Farm
>   "7W" - Commodities under **ORS 825.020**; intrastate or interstate.

feeCode
>   <feeCode> is the fee basis declared by the motor carrier for tax reporting.
>   "0" - Registration Only
>   "1" - Monthly Mileage
>   "2" - Flat Monthly
>   "3" - Not Used
>   "4" - Quarterly Mileage
>   "5" - Annual Mileage

Request	Response

``xml
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ws="http://ws.otto.mcad.odot.state.or.us/">
   <soapenv:Header/>
   <soapenv:Body>
      <ws:getCarrier>
         <!--type: string-->
         <accountNumber>123456</accountNumber>
      </ws:getCarrier>
   </soapenv:Body>
</soapenv:Envelope>>
``
	``xml
	<soapenv:Envelope
	xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
	xmlns:xsd="http://www.w3.org/2001/XMLSchema"
	xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
	   <soapenv:Body>
	      <getCarrierResponse
	xmlns="http://ws.otto.mcad.odot.state.or.us/">
	         <carrier xmlns="">
	            <accountNumber>123456</accountNumber>
	            <carrierName>SAMPLE TRUCKING INC</carrierName>
	            <classes>1A4E</classes>
	            <errors>
	               <count>0</count>
	               <error>
	                  <errorCode/>
	                  <errorMessage/>
	               </error>
	            </errors>
	            <feeCode>12</feeCode>
	         </carrier>
	      </getCarrierResponse>
	   </soapenv:Body>
	</soapenv:Envelope>
	``

getTaxTableA

Description

This method returns the tax rate table for trucks weighing from 26,001 pounds to 80,000 pounds.

TaxTableA **getTaxTableA** ( )

Input parameters

Parameter	Type	Multiplicity	Description
N/A	N/A		No Input required

Return TaxTableA

Parameter	Type	Multiplicity	Description
taxTableEntry	TaxTableAEntry	1..*	<taxTableEntry> is an object containing table entries.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

TaxTableAEntry

Parameter	Type	Multiplicity	Description
effectiveDate	dateTime	1..1	<effectiveDate> is the date the rate for this weight group became effective.
rate	decimal	1..1	<rate> is the tax rate for this weight group.
weight	int	1..1	<weight> is the weight group associated with this tax rate.

Request	Response

<pre><soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ws="http://ws.otto.mcad.odot.state.or.us/">
   <soapenv:Header/>
   <soapenv:Body>
      <ws:getTaxTableA/>
   </soapenv:Body>
</soapenv:Envelope></pre>
	<pre><soapenv:Envelope
	xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
	xmlns:xsd="http://www.w3.org/2001/XMLSchema"
	xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
	   <soapenv:Body>
	      <getTaxTableAResponse
	xmlns="http://ws.otto.mcad.odot.state.or.us/">
	         <taxTable xmlns="">
	            <errors>
	               <count>0</count>
	               <error>
	                  <errorCode/>
	                  <errorMessage/>
	               </error>
	            </errors>
	            <taxTableEntry>
	               <effectiveDate>2000-10-
	01T07:00:00.000Z</effectiveDate>
	               <rate>0.0364</rate>
	               <weight>28000</weight>
	            </taxTableEntry>
	            <taxTableEntry>
	               <effectiveDate>2000-10-
	01T07:00:00.000Z</effectiveDate>
	               <rate>0.0386</rate>
	               <weight>30000</weight>
	            </taxTableEntry>
	…
	…
	            <taxTableEntry>
	               <effectiveDate>2010-10-
	01T07:00:00.000Z</effectiveDate></pre>

```
                <rate>0.1638</rate>
                <weight>80000</weight>
              </taxTableEntry>
            </taxTable>
          </getTaxTableAResponse>
        </soapenv:Body>
```

getTaxTableB

Description

This method returns the tax rate table for trucks weighing from 80,001 pounds to 105,500 pounds.

TaxTableB **getTaxTableB** ( )

Input parameters

Parameter	Type	Multiplicity	Description
N/A	N/A		No Input required

Return TaxTableB

Parameter	Type	Multiplicity	Description
taxTableEntry	TaxTableBEntry	1..*	<taxTableEntry> is an object containing table entries.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

TaxTableBEntry

Parameter	Type	Multiplicity	Description
effectiveDate	dateTime	1..1	<effectiveDate> is the date the rate for this weight group became effective.
rate5Axles	decimal	1..1	<rate5Axles> is the tax rate for 5 axle vehicles in this weight group.
rate6Axles	decimal	1..1	<rate6Axles> is the tax rate for 6 axle vehicles in this weight group.
rate7Axles	decimal	1..1	<rate7Axles> is the tax rate for 7 axle vehicles in this weight group.
rate8Axles	decimal	1..1	<rate8Axles> is the tax rate for 8 axle vehicles in this weight group.
rate9Axles	decimal	1..1	<rate9Axles> is the tax rate for 9 axle vehicles in this weight group.
weight	int	1..1	<weight> is the weight group associated with this tax rate.

Request	Response

``xml
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ws="http://ws.otto.mcad.odot.state.or.us/">
    <soapenv:Header/>
    <soapenv:Body>
        <ws:getTaxTableB/>
    </soapenv:Body>
</soapenv:Envelope>
``
	``xml
	<soapenv:Envelope
	xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
	xmlns:xsd="http://www.w3.org/2001/XMLSchema"
	xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
	    <soapenv:Body>
	        <getTaxTableBResponse
	xmlns="http://ws.otto.mcad.odot.state.or.us/">
	            <taxTable xmlns="">
	                <errors>
	                    <count>0</count>
	                    <error>
	                        <errorCode/>
	                        <errorMessage/>
	                    </error>
	                </errors>
	                <taxTableEntry>
	                    <effectiveDate>2000-10-
	01T07:00:00.000Z</effectiveDate>
	                    <rate5Axles>0.1236</rate5Axles>
	                    <rate6Axles>0.1131</rate6Axles>
	                    <rate7Axles>0.1057</rate7Axles>
	                    <rate8Axles>0.1004</rate8Axles>
	                    <rate9Axles>0.0947</rate9Axles>
	                    <weight>82000</weight>
	                </taxTableEntry>
	                <taxTableEntry>
	                    <effectiveDate>2000-10-
	01T07:00:00.000Z</effectiveDate>
	                    <rate5Axles>0.1276</rate5Axles>
	                    <rate6Axles>0.1149</rate6Axles>
	                    <rate7Axles>0.1074</rate7Axles>
	                    <rate8Axles>0.1017</rate8Axles>
	                    <rate9Axles>0.0960</rate9Axles>
	                    <weight>84000</weight>
	                </taxTableEntry>
	…
	…
	                <taxTableEntry>
	                    <effectiveDate>2010-10-
	01T07:00:00.000Z</effectiveDate>
	                    <rate5Axles>0.0000</rate5Axles>
	                    <rate6Axles>0.0000</rate6Axles>
	                    <rate7Axles>0.1811</rate7Axles>
	                    <rate8Axles>0.1692</rate8Axles>
	                    <rate9Axles>0.1572</rate9Axles>
	                    <weight>105500</weight>
	                </taxTableEntry>
	            </taxTable>
	        </getTaxTableBResponse>
	    </soapenv:Body>
	</soapenv:Envelope>
	``

getTaxTableF

Description

The method returns the tax rate table for trucks reporting flat tax.

TaxTableF **getTaxTableF** ( )

Input parameters

Parameter	Type	Multiplicity	Description
N/A	N/A		No Input required

Return TaxTableF

Parameter	Type	Multiplicity	Description
taxTableEntry	TaxTableFEntry	1..*	<taxTableEntry> is an object containing table entries.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

TaxTableFEntry

Parameter	Type	Multiplicity	Description
effectiveDate	dateTime	1..1	<effectiveDate> is the date the rate for this load type became effective.
loadType	string	1..1	<loadType> is the commodity the vehicle is used to haul.
rate	decimal	1..1	<rate> is the tax rate for vehicles with this load type.

effectiveDate
> <effectiveDate> is the date the rate for this load type became effective.

loadType
> <loadType> is the commodity the vehicle is used to haul.
> "C" – Vehicle used to haul wood chips, sawdust, bark dust, hog fuel or shavings.
> "D" – Vehicles equipped with dump bodies hauling sand, gravel, rock, dirt, debris, cinders, asphaltic concrete mix, metallic ores and concentrates, or raw non-metallic products, whether crushed or otherwise, when moving from mines, pits, or quarries.
> "L" – Vehicle used to haul logs, poles, piling, or peeler cores.

rate
> <rate> is the tax rate for vehicles with this load type.

Request	Response
| ```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ws="http://ws.otto.mcad.odot.state.or.us/">
   <soapenv:Header/>
   <soapenv:Body>
      <ws:getTaxTableF/>
   </soapenv:Body>
</soapenv:Envelope>
``` | ```
<soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
   <soapenv:Body>
      <getTaxTableFResponse
xmlns="http://ws.otto.mcad.odot.state.or.us/">
         <taxTable xmlns="">
            <errors>
               <count>0</count>
               <error>
                  <errorCode/>
                  <errorMessage/>
               </error>
            </errors>
            <taxTableEntry>
               <effectiveDate>2003-05-
20T07:00:00.000Z</effectiveDate>
               <loadType>L</loadType>
               <rate>5.5500</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2003-05-
20T07:00:00.000Z</effectiveDate>
               <loadType>D</loadType>
               <rate>5.5000</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2003-05-
20T07:00:00.000Z</effectiveDate>
               <loadType>C</loadType>
               <rate>22.4000</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2004-01-
01T08:00:00.000Z</effectiveDate>
               <loadType>L</loadType>
               <rate>6.1000</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2004-01-
01T08:00:00.000Z</effectiveDate>
               <loadType>D</loadType>
               <rate>6.0500</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2004-01-
01T08:00:00.000Z</effectiveDate>
               <loadType>C</loadType>
               <rate>24.6200</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2010-10-
01T07:00:00.000Z</effectiveDate>
               <loadType>L</loadType>
               <rate>7.5900</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2010-10-
01T07:00:00.000Z</effectiveDate>
               <loadType>D</loadType>
               <rate>7.5300</rate>
            </taxTableEntry>
            <taxTableEntry>
               <effectiveDate>2010-10-
01T07:00:00.000Z</effectiveDate>
               <loadType>C</loadType>
               <rate>30.6500</rate>
            </taxTableEntry>
         </taxTable>
      </getTaxTableFResponse>
   </soapenv:Body>
</soapenv:Envelope>
``` |

getVehicles

Description

This method returns motor carrier vehicles active during a selected reporting period.

Vehicles **getVehicles** (string **accountNumber,** dateTime **reportPeriodStart,** dateTime **reportPeriodEnd**)

Input parameters

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which information is requested.
reportPeriodStart	dateTime	1..1	<reportPeriodStart> is the starting date for the report period requested.
reportPeriodEnd	dateTime	1..1	<reportPeriodEnd> is the ending date for the report period requested.

Return Vehicles

Parameter	Type	Multiplicity	Description
vehicle	String	1..*	<vehicle> is the vehicle identification information for vehicles active with CCD during the requested reporting period.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

Return Vehicle

Parameter	Type	Multiplicity	Description
basePlate	String	1..1	<basePlate> is the license plate number of vehicle being returned.
baseState	String	1..1	<baseState> is the two letter abbreviation for the jurisdiction who issued the base plate.
fuelType	String	1..1	<fuelType> is the fuel type for the vehicle.
make	String	1..1	<make> is the vehicle make.
modelYear	String	1..1	<modelYear> is the vehicle model year.
unitNumber	String	1..1	<unitNumber> is the unit number assigned to the vehicle by the motor carrier.
vehicleType	String	1..1	<vehicleType> is the type of vehicle.
vin	String	1..1	<vin> is the vehicle identification number of the vehicle.
dateAddedThisMonth	dateTime	1..1	<dateAddedThisMonth> is the date this vehicle record was marked active this month.
weightAxle	WeightAxle	1..*	<weightAxle> is the weight and axle combinations on file with CCD for the vehicle.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

basePlate

> <basePlate> is the license plate number of vehicle being returned.

baseState

> <baseState> is the two letter abbreviation for the jurisdiction who issued the base plate.

fuelType

> <fuelType> is the fuel type for the vehicle.
> "D" – Diesel
> "G" - Gasoline

make

> <make> is the vehicle make.

modelYear

> <modelYear> is the vehicle model year.

unitNumber

> <unitNumber> is the unit number assigned to the vehicle by the motor carrier.

vehicleType

> <vehicleType> is the type of vehicle.
> "BS" - Bus with separate luggage compartment
> "BW" - Bus without separate luggage compartment
> "DT" - Dump truck
> "HF" - Heavy fixed (commercial only)
> "MT" - Manufactured structure toter (Mobile home toter)
> "RT" - Road tractor
> "SS" - Special single (commercial only)
> "SP" - Special pair (commercial only)
> "TK" - Truck
> "TR" - Tractor (includes long logger)
> "TT" - Truck & trailer (includes mule train/short logger)
> "TP" - Tow Vehicle – Tow Plus Other Commodities
> "TW" - Tow Vehicle – Tow Only

vin

> <vin> is the vehicle identification number of the vehicle.

dateAddedThisMonth

> <dateAddedThisMonth> is the date this vehicle record was marked active this month.

weightAxle

> <weightAxle> is the weight and axle combinations on file with CCD for the vehicle.

Return WeightAxle

Parameter	Type	Multiplicity	Description
axles	int	1..1	<axles> is the number of axles for this weight/axle combination.
weight	int	1..1	<baseState> is weight for this weight/axle combination.

Request	Response

<pre><soapenv:Envelope
xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ws="http://ws.otto.mcad.odot.state.or.us/">
    <soapenv:Header/>
    <soapenv:Body>
        <ws:getVehicles>
            <!--type: string-->
            <accountNumber>123456</accountNumber>
            <!--type: dateTime-->
            <reportPeriodStart>2013-10-01T00:00:00-
07:00</reportPeriodStart>
            <!--type: dateTime-->
            <reportPeriodEnd>2013-10-31T00:00:00-
08:00</reportPeriodEnd>
        </ws:getVehicles>
    </soapenv:Body>
</soapenv:Envelope></pre>
	<pre><soapenv:Envelope
	xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
	xmlns:xsd="http://www.w3.org/2001/XMLSchema"
	xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
	    <soapenv:Body>
	        <getVehiclesResponse
	xmlns="http://ws.otto.mcad.odot.state.or.us/">
	            <vehicles xmlns="">
	                <errors>
	                    <count>0</count>
	                    <error>
	                        <errorCode/>
	                        <errorMessage/>
	                    </error>
	                </errors>
	                <vehicle>
	                    <basePlate>YAFG610</basePlate>
	                    <baseState>OR</baseState>
	                    <dateAddedThisMonth xsi:type="xsd:date">2014-01-
	18</dateAddedThisMonth>
	                    <errors>
	                        <count>0</count>
	                        <error>
	                            <errorCode/>
	                            <errorMessage/>
	                        </error>
	                    </errors>
	                    <fuelType>D</fuelType>
	                    <make>KENW</make>
	                    <modelYear>2007</modelYear>
	                    <unitNumber>6</unitNumber>
	                    <vehicleType>TR</vehicleType>
	                    <vin>1NKWXBEX57R123455</vin>
	                    <weightAxles>
	                        <axles>0</axles>
	                        <weight>56000</weight>
	                    </weightAxles>
	                    <weightAxles>
	                        <axles>0</axles>
	                        <weight>80000</weight>
	                    </weightAxles>
	                    <weightAxles>
	                        <axles>6</axles>
	                        <weight>90000</weight>
	                    </weightAxles>
	                </vehicle>
	                <vehicle>
	                    <basePlate>YALL853</basePlate>
	                    <baseState>OR</baseState>
	                    <dateAddedThisMonth xsi:type="xsd:date">2014-01-
	22</dateAddedThisMonth>
	                    <errors>
	                        <count>0</count>
	                        <error>
	                            <errorCode/>
	                            <errorMessage/>
	                        </error>
	                    </errors>
	                    <fuelType>D</fuelType>
	                    <make>KENW</make>
	                    <modelYear>1995</modelYear>
	                    <unitNumber>11</unitNumber>
	                    <vehicleType>TR</vehicleType>
	                    <vin>1NKWLB9X1SR123424</vin>
	                    <weightAxles>
	                        <axles>0</axles>
	                        <weight>46000</weight>
	                    </weightAxles>
	                    <weightAxles>
	                        <axles>0</axles>
	                        <weight>80000</weight>
	                    </weightAxles>
	                </vehicle>
	            </vehicles>
	        </getVehiclesResponse>
	    </soapenv:Body>
	</soapenv:Envelope></pre>

prepareWMTReport

Description

This method is used to submit weight-mile tax reports for validation.

WMTReportPrepare **prepareWMTReport** (string **accountNumber**, string **authorizedBy**, string **authorizedPhone**, string **authorizedTitle**, decimal **penalty**, WMTReportDetails **reportDetails**, dateTime **reportPeriodEnd**, dateTime **reportPeriodStart**, string **reportType**, decimal **subtotal**, decimal **totalDue**)

Input parameters

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier for which the report is filed.
authorizedBy	String	1..1	<authorizedBy> is the name of the person submitting the report.
authorizedPhone	String	1..1	<authorizedPhone> is the phone number of the person submitting the report.
authorizedTitle	String	1..1	<authorizedTitle> is the title of the person submitting the report.
penalty	Decimal	0..1	<penalty> is the amount due for a late payment.
reportDetails	WMTReportDetails	1..1	<reportDetails> is an object that contains vehicle, mileage and taxes due on this report.
reportPeriodEnd	dateTime	1..1	<reportPeriodEnd> is the ending date of the report period being submitted.
reportPeriodStart	dateTime	1..1	<reportPeriodStart> is the starting date for the report period being submitted.
reportType	String	1..1	<reportType> is the period for which the report is being filed.
subtotal	Decimal	0..1	<subtotal> is the subtotal of the amount due.
totalDue	Decimal	0..1	<totalDue> is the total amount due.

accountNumber
        <accountNumber> is the CCD account number for the motor carrier for which the report is filed.
authorizedBy
        <authorizedBy> is the name of the person submitting the report.
authorizedPhone
        <authorizedPhone> is the phone number of the person submitting the report.
authorizedTitle
        <authorizedTitle> is the title of the person submitting the report.
penalty
        <penalty> is the amount due for a late payment.
reportDetails
        <reportDetails> is the vehicle, mileage and taxes due on this report.
reportPeriodEnd
        <reportPeriodEnd> is the ending date of the report period being submitted.
reportPeriodStart
        <reportPeriodStart> is the starting date for the report period being submitted.

reportType

   <reportType> is the period for which the report is being filed.

   "Quarterly" – Used to identify the report type for a carrier who reports WMT on a quarterly basis.

   "Monthly" – Used to identify the report type for a carrier who reports WMT on a monthly basis.

   "Flat" – Used to identify the report type for a carrier who reports WMT at a flat monthly rate.

Subtotal

   <subtotal> is the subtotal of the amount due.

totalDue

   <totalDue> is the total amount due.

WMTReportDetails

Parameter	Type	Multiplicity	Description
count	int	1..1	<count> is the count of the vehicles included in this report.
reportDetail	WMTReportDetail	1..*	<reportDetail> an object containing vehicles included in this report.

WMTReportDetail

Parameter	Type	Multiplicity	Description
axles	int	1..1	<axles> is the number of axles on this vehicle configuration.
basePlate	String	1..1	<basePlate> is the license plate number of this vehicle.
baseState	String	1..1	<baseState> is the base state for this vehicle.
loadIndicator	String	0..1	<loadIndicator> is the type of load hauled if vehicle is being reported at the flat rate.
make	String	1..1	<make> is the make of this vehicle.
milesOregon	int	1..1	<milesOregon> is the number of miles this vehicle with this configuration traveled in Oregon in this reporting period.
milesPrivate	int	1..1	<milesPrivate> is the number of miles this vehicle with this configuration traveled on private roads in this reporting period.
milesTotal	int	1..1	<milesTotal> is the total number of miles this vehicle with this configuration traveled in this reporting period.
odometerBeginning	Long	1..1	<odometerBeginning> is the odometer reading for this vehicle at the beginning of this reporting period.
odometerEnding	Long	1..1	<odometerEnding> is the odometer reading for this vehicle at the end of this reporting period.
tax	Decimal	0..1	<tax> is the tax amount being paid on this vehicle with this configuration in this reporting period.
taxRate	String	0..1	<taxRate> is the tax rate for this vehicle with this configuration.
unit	String	1..1	<unit> is the unit number of this vehicle.
weight	int	1..1	<weight> is the weight of this vehicle in this configuration.

Return WMTReportPrepare

Parameter	Type	Multiplicity	Description
preparedTimestamp	dateTime	1..1	<preparedTimestamp> is the date/time received by CCD.
report	WMTReport	1..1	<report> is the summary details of this report.

| reportId | Long | 1..1 | <reportID> is is the number assigned to this report by CCD for identification purposes. |
| errors | Errors | 1..1 | <errors> is an object containing errors with this transaction. |

WMTReport

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier for which the report is filed.
authorizedBy	String	1..1	<authorizedBy> is the name of the person submitting the report.
authorizedPhone	String	1..1	<authorizedPhone> is the phone number of the person submitting the report.
authorizedTitle	String	1..1	<authorizedTitle> is the title of the person submitting the report.
penalty	Decimal	0..1	<penalty> is the amount due for a late payment.
reportDetails	WMTReportDetails	1..1	<reportDetails>
reportPeriodEnd	dateTime	1..1	<reportPeriodEnd> is the ending date of the report period being submitted.
reportPeriodStart	dateTime	1..1	<reportPeriodStart> is the starting date for the report period being submitted.
reportType	String	1..1	<reportType> is the period for which the report is being filed.
subtotal	Decimal	0..1	<subtotal> is the subtotal of the amount due.
totalDue	Decimal	0..1	<totalDue> is the total amount due.

processWMTReport

Description

This method is used to process and make payment on weight-mile tax reports.

WMTReportProcess processWMTReport (long **reportId,** string **accountNumber**, string **action**)

Input parameters

Parameter	Type	Multiplicity	Description
reportId	Long	1..1	<reportID> is the ID of the report to be processed which was assigned in prepareWMTReport.
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier for which the report is filed.
action	String	1..1	<action> is the request to either process or cancel the report.

reportID
      <reportID> is the ID of the report to be processed which was assigned in prepareWMTReport.
accountNumber
      <accountNumber> is the CCD account number for the motor carrier for which the report is filed.
action
      <action> is the request to either process or cancel the report.
      "Process" - Process the report including taking payment and updating the motor carrier's record.
      "Cancel" – Do not process the report and delete the data submitted in the prepareWMTReport method.

Return WMTReportProcess

Parameter	Type	Multiplicity	Description
result	Boolean	1..1	<result> is the vehicle identification information for vehicles active with CCD during the requested reporting period.
errors	Errors	0..1	<errors> an object containing errors with this transaction.

getWMTReport

Description

This method is used to obtain a completed weight-mile tax report.

WMTReportGet **getWMTReport** (long **reportID**, string **accountNumber**)

Input parameters

Parameter	Type	Multiplicity	Description
reportID	Long	1..1	<reportID> is the identification number assigned by CCD for a weight-mile tax report submitted in the processWMTReport method.
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which report is requested.

Return WMTReportGet

Parameter	Type	Multiplicity	Description
status	StatusType	1..1	<status> is the report status.
wmtReportResult	WMTReportResult	1..1	<wmtReportResult> is an object containing the WMT transaction result.
errors	Errors	1..1	<errors> an object containing errors with this transaction.

status

<status> is the report status.
"P" - Prepared
"D" - Deleted / Cancelled
"I" - In Process / Processing
"C" - Complete
"E" - Error

Return WMTReportResult

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number of the motor carrier for the report requested.
pdf	Base64Binary	1..1	<pdf> is a pdf document of the report filed.
receiptTimestamp	dateTime	1..1	<receiptTimestamp> is the timestamp of the filing of this report.
result	boolean	1..1	<result> is "false" if there was an error.
totalAmount	Decimal	1..1	<totalAmount> is the total transaction amount charged to the ACH account.
validation	String	1..1	<validation> is the unique validation information for the report filed.

getRUAFRateTable

Description

This method returns the Road Use Assessment Fee table for heavy haul operations over 98,000 pounds.

RUAFRateTable **getRUAFRateTable** ( )

Input parameters

Parameter	Type	Multiplicity	Description

Return RUAFRateTable

Parameter	Type	Multiplicity	Description
rateTableEntry	RUAFRateTableEntry	1..*	<RUAFRateTableEntry> is an object containing table entries.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

RUAFRateTableEntry

Parameter	Type	Multiplicity	Description
effectiveDate	dateTime	1..1	<effectiveDate> is the date the rate for this weight group became effective.
rate1Axles	decimal	1..1	<rate1Axles> is the fee rate for 1 axle vehicles in this weight group.
rate2Axles	decimal	1..1	<rate2Axles> is the fee rate for 2 axle vehicles in this weight group.
rate3Axles	decimal	1..1	<rate3Axles> is the fee rate for 3 axle vehicles in this weight group.
rate4Axles	decimal	1..1	<rate4Axles> is the fee rate for 4 axle vehicles in this weight group.
rate5Axles	decimal	1..1	<rate5Axles> is the fee rate for 5 axle vehicles in this weight group.
rate6Axles	decimal	1..1	<rate6Axles> is the fee rate for 6 axle vehicles in this weight group.
rate7Axles	decimal	1..1	<rate7Axles> is the fee rate for 7 axle vehicles in this weight group.
rate8Axles	decimal	1..1	<rate8Axles> is the fee rate for 8 axle vehicles in this weight group.
rate9Axles	decimal	1..1	<rate9Axles> is the fee rate for 9 axle vehicles in this weight group.
rate10Axles	decimal	1..1	<rate10Axles> is the fee rate for 10 axle vehicles in this weight group.
rate11Axles	decimal	1..1	<rate11Axles> is the fee rate for 11 axle vehicles in this weight group.
rate12Axles	decimal	1..1	<rate12Axles> is the fee rate for 12 axle vehicles in this weight group.

rate13Axles	decimal	1..1	<rate13Axles> is the fee rate for 13 axle vehicles in this weight group.
rate14Axles	decimal	1..1	<rate14Axles> is the fee rate for 14 axle vehicles in this weight group.
rate15Axles	decimal	1..1	<rate15Axles> is the fee rate for 15 axle vehicles in this weight group.
rate16Axles	decimal	1..1	<rate16Axles> is the fee rate for 16 axle vehicles in this weight group.
rate17Axles	decimal	1..1	<rate17Axles> is the fee rate for 17 axle vehicles in this weight group.
rate18Axles	decimal	1..1	<rate18Axles> is the fee rate for 18 axle vehicles in this weight group.
rate19Axles	decimal	1..1	<rate19Axles> is the fee rate for 19 axle vehicles in this weight group.
rate20Axles	decimal	1..1	<rate20Axles> is the fee rate for 20 axle vehicles in this weight group.
rate21Axles	decimal	1..1	<rate21Axles> is the fee rate for 21 axle vehicles in this weight group.
rate22Axles	decimal	1..1	<rate22Axles> is the fee rate for 22 axle vehicles in this weight group.
rate23Axles	decimal	1..1	<rate23Axles> is the fee rate for 23 axle vehicles in this weight group.
rate24Axles	decimal	1..1	<rate24Axles> is the fee rate for 24 axle vehicles in this weight group.
rate25Axles	decimal	1..1	<rate25Axles> is the fee rate for 25 axle vehicles in this weight group.
weight	int	1..1	<weight> is the weight group associated with this fee rate.

Request	Response
```<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ws="http://ws.otto.mcad.odot.state.or.us"> <soapenv:Header/> <soapenv:Body> <ws1:getRUAFRateTable xmlns:ws1="http://ws.otto.mcad.odot.state.or.us/"/> </soapenv:Body> </soapenv:Envelope>```	```<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"> <soapenv:Body> <getRUAFRateTableResponse xmlns="http://ws.otto.mcad.odot.state.or.us/"> <rateTable xmlns=""> <errors> <count>0</count> <error> <errorCode/> <errorMessage/> </error> </errors> <rateTableEntry> <effectiveDate>2010-10-01T07:00:00.000Z</effectiveDate> <rate10Axles>0.08</rate10Axles> <rate11Axles>0.06</rate11Axles> <rate12Axles>0.03</rate12Axles> <rate13Axles>0.02</rate13Axles> <rate14Axles>0.02</rate14Axles> <rate15Axles>0.02</rate15Axles> <rate16Axles>0.01</rate16Axles> <rate17Axles>0.01</rate17Axles> <rate18Axles>0.01</rate18Axles> <rate19Axles>0.01</rate19Axles> <rate1Axles>0.00</rate1Axles> <rate20Axles>0.01</rate20Axles> <rate21Axles>0.01</rate21Axles> <rate22Axles>0.01</rate22Axles> <rate23Axles>0.01</rate23Axles> <rate24Axles>0.01</rate24Axles> <rate25Axles>0.01</rate25Axles> <rate2Axles>0.00</rate2Axles> <rate3Axles>0.00</rate3Axles> <rate4Axles>0.00</rate4Axles> <rate5Axles>0.53</rate5Axles> <rate6Axles>0.31</rate6Axles> <rate7Axles>0.18</rate7Axles>```

```
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                              <rate9Axles>0.10</rate9Axles>
                              <weight>100000</weight>
                       </rateTableEntry>
...
...
                       <rateTableEntry>
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01T07:00:00.000Z</effectiveDate>
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                              <rate11Axles>0.00</rate11Axles>
                              <rate12Axles>0.00</rate12Axles>
                              <rate13Axles>0.00</rate13Axles>
                              <rate14Axles>0.00</rate14Axles>
                              <rate15Axles>0.00</rate15Axles>
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          </soapenv:Body>
</soapenv:Envelope>
```

getODSingleTripPermits

Description

This method returns Single Trip Permits (STP's) issued to a carrier for heavy haul operations. The information is used to file Road Use Assessment Fee reports and make payments.

ODSingleTripPermits **getODSingleTripPermits** (string **accountNumber,** string **permitNumber,** date **permitActiveDate**)

Input parameters

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which information is requested.
permitNumber	String	0..1	<permitNumber> is the permit number for the record requested.
permitActiveDate	Date	0..1	<permitActiveDate> is a date during which the permit(s) was/were active.

Return ODSingleTripPermits

Parameter	Type	Multiplicity	Description
singleTripPermit	ODSingleTripPermit	0..*	<singleTripPermit> is an object containing the single trip permit(s) meeting the selection criteria.
errors	Errors	1..1	<errors> is an object containing errors with this transaction.

Return ODSingleTripPermit

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which information is requested.
commodity1	String	0..1	<commodity1> is the load being transported on this permit.
commodity2	String	0..1	<commodity2> is the load being transported on this permit.
effectiveDate	date	1..1	<effectiveDate> is the effective date of the permit.
esalRate	String	1..1	<esalRate> is the fee rate from the RUAF fee table for the vehicle(s) on this permit.
expirationDate	date	1..1	<expirationDate> is the expiration date of this permit.

isPaid	Boolean	1..1	<isPaid> indicates if this permit was previously paid.
issueTimestamp	dateTime	1..1	<issueTimestamp> is the permit issue date.
oregonMiles	String	0..1	<oregonMiles> is the number of Oregon miles subject to RUAF.
paidAmount	Decimal	1..1	<paidAmount> is the amount paid if the permit was previously paid.
permitNumber	String	1..1	<permitNumber> is the number of this permit being returned.
singleTripPermitVehicles	ODSingleTripPermitVehicles	0..1	<singleTripPermitVehicles is an object containing the vehicle(s) on this permit.
vehicleDescriptions	String	0..1	<vehicleDescriptions> is the vehicle configuration for this permit.
countyFees	ODSingleTripPermitCountyFees	1..1	<countyFees> is an object containing the county and county fee information for this permit.
stateFee	Decimal	1..1	<stateFee> is the state fee for the permit.
Errors	Errors	1..1	<errors> is an object containing errors with this transaction.

accountNumber
> <accountNumber> is the CCD account number for the motor carrier on which information is requested.

commodity1
> <commodity1> is the load being transported on this permit. This is entered by CCD staff as a freeform description of the load.

commodity2
> <commodity2> is a continuation of the description from "commodity1" for the load being transported on this permit.

effectiveDate
> <expirationDate> is the expiration date of this permit.

esalRate
> <esalRate> is the fee rate from the RUAF fee table for the vehicle(s) on this permit.

expirationDate
> <expirationDate> is the expiration date of this permit.

isPaid
> <isPaid> indicates if this permit was previously paid.

issueTimestamp
> <issueTimestamp> is the permit issue date.

oregonMiles
> <oregonMiles> is the number of Oregon miles subject to RUAF.

paidAmount
> <paidAmount> is the amount paid if the permit was previously paid.

permitNumber

        <permitNumber> is the number of this permit being returned.

singleTripPermitVehicles

        <singleTripPermitVehicles is an object containing the vehicle(s) on this permit.

vehicleDescriptions

        <vehicleDescriptions> is the vehicle configuration being used for this permit. The descriptions can be descriptive (i.e. truck-tractor and semitrailer, truck and trailer, etc.) or can be abbreviations (i.e. 3-S2 for a 3-axle truck-tractor and 2-axle semitrailer, or 3-J2-S2-B2 for a 3-axle truck-tractor with a 2-axle jeep, 2-axle semitrailer, and 2-axle booster, etc) There are hundreds of potential configurations.

countyFees

        <countyFees> is an object containing the county and county fee information for this permit.

stateFee

        <stateFee> is the state fee for the permit.

errors

        <errors> is an object containing errors with this transaction.

Return ODSingleTripPermitVehicles

Parameter	Type	Multiplicity	Description
singleTripPermitVehicle	ODSingleTripPermitVehicle	0..*	<singleTripPermitVehicle> is an object containing the vehicle description of a vehicle on this permit.
Errors	Errors	1..1	<errors> is an object containing errors with this transaction

Return ODSingleTripPermitVehicle

Parameter	Type	Multiplicity	Description
license	String	1..1	<license> is the vehicle license plate number.
make	String	1..1	<make> is the vehicle make.
state	String	1..1	<state> is base state of the vehicle.
unitNumber	String	1..1	<unitNumber> is the unit number assigned to the vehicle by the motor carrier.
vin	String	1..1	<vin> is the vehicle identification number of the vehicle.
year	int	1..1	<year> is the year of the vehicle.

Return ODSingleTripPermitCountyFees

Parameter	Type	Multiplicity	Description
countyFee	ODSingleTripPermitCountyFee	0..*	<countyFee> is an object that contains name and fee information for each county on this permit for which a fee is required.
countyFeeTotal	Decimal	1..1	<countyFeeTotal> is the total fess for all counties on this permit.

Return ODSingleTripPermitCountyFee

Parameter	Type	Multiplicity	Description
authorizedBy	String	1..1	<authorizedBy> is name of the representative from the county who authorized the permit.
countyFee	Decimal	1..1	<countyFee> is the fee for this county on this permit.
countyName	String	1..1	countyName> is the name of the county for this county fee.

authorizedBy

    <authorizedBy> is name of the representative from the county who authorized the permit. In cases where a county has given a blanket approval to CCD for specific configurations over specific routes the term "blanket" will appear instead of an individual's name.

countyFee

    <countyFee> is the fee for this county on this permit.

countyName

    countyName> is the name of the county for this county fee.

Request	Response

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xmlns:ws="http://ws.otto.mcad.odot.state.or.us">
    <soapenv:Header/>
    <soapenv:Body>
        <ws1:getODSingleTripPermits
xmlns:ws1="http://ws.otto.mcad.odot.state.or.us/">
            <!--type: string-->
            <accountNumber>123456</accountNumber>
            <!--type: string-->
            <!--<permitNumber>   </permitNumber>-->
            <!--type: date-->
            <!--<permitActiveDate>   - -
</permitActiveDate>-->
        </ws1:getODSingleTripPermits>
    </soapenv:Body>
</soapenv:Envelope></pre>
	<pre><soapenv:Envelope
	xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
	xmlns:xsd="http://www.w3.org/2001/XMLSchema"
	xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
	    <soapenv:Body>
	        <getODSingleTripPermitsResponse
	xmlns="http://ws.otto.mcad.odot.state.or.us/">
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	                    <error>
	                        <errorCode/>
	                        <errorMessage/>
	                    </error>
	                </errors>
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	                    <stateFee>8.00</stateFee>
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	TRAILER</vehicleDescriptions>
	                </singleTripPermit>
	…
	…
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	                            <countyName>WASHINGTON COUNTY</countyName>
	                        </countyFee>
	                        <countyFeeTotal>8.00</countyFeeTotal>
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	```<expirationDate xsi:type="xsd:date">2014-03-21</expirationDate>```
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	 ```<oregonMiles>0.00</oregonMiles>```
	 ```<paidAmount>0</paidAmount>```
	 ```<permitNumber>253813</permitNumber>```
	 ```<singleTripPermitVehicles xsi:nil="true"/>```
	 ```<stateFee>8.00</stateFee>```
	 ```<vehicleDescriptions>4-J2-S2-B2 W/62' FIXED SEMITRAILER</vehicleDescriptions>```
	 ```</singleTripPermit>```
	 ```</singleTripPermits>```
	 ```</getODSingleTripPermitsResponse>```
	 ```</soapenv:Body>```
	 ```</soapenv:Envelope>```

PrepareRUAFReport

Description

This method is used to submit RUAF reports for validation.

Report **RUAFReport**

Input parameters

Parameter	Type	Multiplicity	Description
accountNumber	string	1…1	<accountNumber> is the CCD account number for the motor carrier on which information is requested.
authorizedBy	string	1…1	<authorizedBy> is the name of the person submitting the report.
authorizedPhone	string	1…1	<authorizedPhone> is the phone number of the person submitting the report.
authorizedTitle	string	1…1	<authorizedTitle> is the title of the person submitting the report.
reportDetails	RUAFReportDetails	1…1	<reportDetails> is an object containing details of the RUAF report.
totalDue	decimal	1…1	<totalDue> is the total amount due.

RUAFReportDetails

Parameter	Type	Multiplicity	Description
count	int	1..1	<count> is the count of the permits included in this report.
reportDetail	RUAFReportDetail	1..*	<reportDetail> an object containing permits included in this report.

RUAFReportDetail

Parameter	Type	Multiplicity	Description
adminFees	Decimal	0..1	<adminFees> is the this vehicle configuration.
agencyFees	Decimal	0..1	< agencyFees> is the license plate number of this vehicle.
basePlate	String	1..1	<basePlate> is the base plate for this vehicle.
baseState	String	1..1	<baseState> is the base state for this vehicle.
miles	String	1..1	<miles> is the miles driven for this vehicle.
permitNumber	String	1..1	<permitNumber> is the permit number for this vehicle.
rate	Decimal	1..1	<rate> is the tax rate for vehicles in this report.
totalAmount	Decimal	1..1	<totalAmount> is the total transaction amount charged to the ACH account.
unit	String	1..1	<unit> is the unit number of this vehicle.
usageFee	decimal	0..1	<usageFee> is the fee charged for road use.

Return RUAFReportPrepare

Parameter	Type	Multiplicity	Description
errors	Errors	1..1	<errors> is an object containing errors with this transaction.
preparedTimestamp	dateTime	1..1	<preparedTimestamp> is the date/time received by CCD.
report	RUAFReport	1..1	<report> is the summary details of this report.
reportId	Long	1..1	<reportID> is is the number assigned to this report by CCD for identification purposes.

RUAFReport

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier for which the report is filed.
authorizedBy	String	1..1	<authorizedBy> is the name of the person submitting the report.
authorizedPhone	String	1..1	<authorizedPhone> is the phone number of the person submitting the report.
authorizedTitle	String	1..1	<authorizedTitle> is the title of the person submitting the report.
reportDetails	RUAFReportDetails	1..1	<reportDetails>
totalDue	Decimal	1..1	<totalDue> is the total amount due.

processRUAFReport

Description

This method is used to process and make payment on RUAF reports.

RUAFReportProcess processWMTReport (long **reportId,** string **accountNumber**, string **action**)

Input parameters

Parameter	Type	Multiplicity	Description
reportId	Long	1..1	<reportID> is the ID of the report to be processed which was assigned in prepareRUAFReport.
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier for which the report is filed.
action	String	1..1	<action> is the request to either process or cancel the report.

reportID
      <reportID> is the ID of the report to be processed which was assigned in prepareRUAFReport.
accountNumber
      <accountNumber> is the CCD account number for the motor carrier for which the report is filed.
action
      <action> is the request to either process or cancel the report.
      "Process" - Process the report including taking payment and updating the motor carrier's record.
      "Cancel" – Do not process the report and delete the data submitted in the prepareRUAFReport method.

Return RUAFReportProcess

Parameter	Type	Multiplicity	Description
result	Boolean	1..1	<result> is the vehicle identification information for vehicles active with CCD during the requested reporting period.
errors	Errors	0..1	<errors> an object containing errors with this transaction.

getRUAFReport

Description

This method is used to obtain a completed RUAF report.

RUAFReportGet **getRUAFReport** (long **reportID**, string **accountNumber**)

Input parameters

Parameter	Type	Multiplicity	Description
reportID	Long	1..1	<reportID> is the identification number assigned by CCD for a weight-mile tax report submitted in the processWMTReport method.
accountNumber	String	1..1	<accountNumber> is the CCD account number for the motor carrier on which report is requested.

Return RUAFReportGet

Parameter	Type	Multiplicity	Description
status	StatusType	1..1	<status> is the report status.
RUAFReportResult	RUAFReportResult	1..1	<RUAFReportResult> is an object containing the RUAF transaction result.
errors	Errors	1..1	<errors> an object containing errors with this transaction.

status

        <status> is the report status.

        "P" - Prepared
        "D" - Deleted / Cancelled
        "I" - In Process / Processing
        "C" - Complete
        "E" - Error

Return RUAFReportResult

Parameter	Type	Multiplicity	Description
accountNumber	String	1..1	<accountNumber> is the CCD account number of the motor carrier for the report requested.
pdf	Base64Binary	1..1	<pdf> is a pdf document of the report filed.
receiptTimestamp	dateTime	1..1	<receiptTimestamp> is the timestamp of the filing of this report.
result	boolean	1..1	<result> is "false" if there was an error.
totalAmount	Decimal	1..1	<totalAmount> is the total transaction amount charged to the ACH account.
validation	String	1..1	<validation> is the unique validation information for the report filed.

Errors

Errors

Parameter	Type	Multiplicity	Description
count	String	1..1	<count> is the number of errors encountered.
error	Error	0..1	<error> is an object containing an error with this transaction.

Error

Parameter	Type	Multiplicity	Description
errorCode	String	1..1	<errorCode> is the error code identification number.
errorMessage	String	1..1	<errorMessage> is the error code message.

Error Messages

These are the default error messages that may be returned by the methods.

Error Type	Error Code	Default Error Message
UndefinedException	10000	System error
AccessDeniedException	10001	Access denied
ObjectNotFoundException	10002	Object not found
NotImplementedException	10003	Not implemented
InvalidParameterException	10004	Invalid parameter
DuplicateObjectException	10005	Object is a duplicate
AmountChangedException	10006	Amount has changed