



Aljex RateWebService – API

Introduction:

This document is to understand the steps involved in the consuming Rating web service.

Rating Process at ALJEX:

In Aljex systems the rating process consists of multiple steps to ensure the correct rate is retrieved for a customer based on different attributes such as Carrier, Service Level, Weight, Class, Miles, Effective Date Range, Origin Type, Destination Type, Origin and Destination.

At a high level, in the Aljex system, here below the list of configurations to be done in order to create a correct move to return correct results for a customer.

1. Carrier Entry
2. Service Levels for Carriers
3. Profile Entry
4. Routing Guide Entry for a carrier
5. Accessorials
6. Fuel
7. Rate Movement Entry

These entries are managed by the website user of the customer. Aljex rating engine will calculate the rates based on the movement configuration and return the results in the 'Carrier Selection' page.

The rating engine is also exposed the other platforms via web service. This will enable any other server/service to make use of the rating engine to calculate the rates.

Web Service URL:

The web service can be accessed using the URL

<http://yourserver/ratingservice/?op=RateShipmentXML>

This has a method called RateShipmentXML is used to find the least cost carrier through web service.

RateShipmentXML Method:

This method will take the parameters required to find the least cost carrier in the XML format and returns all the carriers with the rates as configured in the XML format. The results are sorted by the rate reversely, so that the first entry in the result set will have the least cost entry.

Input XML:

The major parameters for calculating rates are **Origin, Destination, Product class, Product weight and Shipment date.**

There could be accessorial services included in the rates

There can be multiple products with different class details can be passed through this XML to calculate rates

The XML format is given below

```
<?xml version="1.0" ?>
<RateBEO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <CustID>Demo </CustID>           - ALJEX Customer ID
  <ProfileID>270</ProfileID>       - ALJEX Rate Profile ID
  <ShowDetail>>false</ShowDetail>
  <ShowRate>>true</ShowRate>
  <RoutingGuideFlag>>true</RoutingGuideFlag>
  <IncludeServiceLevel>>true</IncludeServiceLevel>
  <Origin>                           - Origin Details
    <City>COLLIERVILLE             </City>
    <State>TN</State>
    <ZipCode>38017</ZipCode>
    <Country>USA</Country>
  </Origin>
  <Destination>                       - Destination Details
    <City>CHICAGO                   </City>
    <State>IL</State>
    <ZipCode>60606</ZipCode>
    <Country>USA</Country>
  </Destination>
  <Weight>1200</Weight> - Total Weight
  <International>>false</International>
    - to be marked as 'true' if this is an International shipment
  <RouteGuideList />
  <RouteGuide>
    <AccessorialFlag>>false</AccessorialFlag>
    <FuelFlag>>false</FuelFlag>
    <RouteID>0</RouteID>
    <OriginType>0</OriginType>
    <LTLFak>
      <LtIBEO>
<!-- We can add multiple LtIBEOs to add multiple products with different class and weight -->
        <RateWeight>1200</RateWeight>
        <RateBase>0</RateBase>
        <RealClass>50</RealClass>
        <Rate>0</Rate>
      </LtIBEO>
    </LTLFak>
  </RouteGuide>
</RateBEO>
```

```

</LtIBEO>
</LTLFak>
</RouteGuide>
<ShipmentDate>11/19/2009</ShipmentDate> - Shipment Date
<LccAccsBEOList>
  <AccessorialBEO> - Accessorials to be included
    <AccessorialCode>Det </AccessorialCode>
    <MinAmount>0</MinAmount>
    <MaxAmount>0</MaxAmount>
    <Rate>0</Rate>
    <BilledAmount>0</BilledAmount>
    <RatedAmount>0</RatedAmount>
    <WeightFrom>0</WeightFrom>
    <WeightTo>0</WeightTo>
    <RateFactor>0</RateFactor>
    <HasRecord>>false</HasRecord>
    <AccsInclude>N</AccsInclude>
    <RateInclude>>false</RateInclude>
  </AccessorialBEO>
  <AccessorialBEO>
    <AccessorialCode>FUE </AccessorialCode>
    <MinAmount>0</MinAmount>
    <MaxAmount>0</MaxAmount>
    <Rate>0</Rate>
    <BilledAmount>0</BilledAmount>
    <RatedAmount>0</RatedAmount>
    <WeightFrom>0</WeightFrom>
    <WeightTo>0</WeightTo>
    <RateFactor>0</RateFactor>
    <HasRecord>>false</HasRecord>
    <AccsInclude>Y</AccsInclude>
    <RateInclude>>false</RateInclude>
  </AccessorialBEO>
  <AccessorialBEO>
    <AccessorialCode>INS </AccessorialCode>
    <MinAmount>0</MinAmount>
    <MaxAmount>0</MaxAmount>
    <Rate>0</Rate>
    <BilledAmount>0</BilledAmount>
    <RatedAmount>0</RatedAmount>
    <WeightFrom>0</WeightFrom>
    <WeightTo>0</WeightTo>
    <RateFactor>0</RateFactor>
    <HasRecord>>false</HasRecord>
    <AccsInclude>N</AccsInclude>
    <RateInclude>>false</RateInclude>
  </AccessorialBEO>
</AccessorialBEO>

```

```

<AccessorialCode>INS </AccessorialCode>
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<MaxAmount>0</MaxAmount>
<Rate>0</Rate>
<BilledAmount>0</BilledAmount>
<RatedAmount>0</RatedAmount>
<WeightFrom>0</WeightFrom>
<WeightTo>0</WeightTo>
<RateFactor>0</RateFactor>
<HasRecord>>false</HasRecord>
<AccsInclude>Y</AccsInclude>
<RateInclude>>false</RateInclude>
</AccessorialBEO>

</LccAccsBEOList>
<Mile>0</Mile>
  </RateBEO>

```

Output XML:

The output will have the result set of all the carriers that are configured to serve between the Origin and the Destination with the calculated rates associated with them.

The output XML format is given below. This will have the similar structure as the InputXML along with the results.

```

<?xml version="1.0" ?>
<RateBEO xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema">
  <CustID>Demo </CustID>
  <ProfileID>270</ProfileID>
  <ShowDetail>>false</ShowDetail>
  <ShowRate>>true</ShowRate>
  <RoutingGuideFlag>>true</RoutingGuideFlag>
  <IncludeServiceLevel>>true</IncludeServiceLevel>
  <Origin>
    <City>COLLIERVILLE </City>
    <State>TN</State>
    <ZipCode>38017</ZipCode>
    <Country>USA</Country>
  </Origin>
  <Destination>
    <City>CHICAGO </City>
    <State>IL</State>
    <ZipCode>60606</ZipCode>
    <Country>USA</Country>
  </Destination>
  <Weight>1200</Weight>

```

```
<International>>false</International>
<RouteGuideList>
  <RouteGuideBEO>
    <AccessorialFlag>>false</AccessorialFlag>
    <FuelFlag>>false</FuelFlag>
    <ServiceLevel>STD</ServiceLevel>
    <CarrierCode>CNWY </CarrierCode>
    <RouteID>0</RouteID>
    <OriginType>0</OriginType>
    <Movement>
      <CustID>Demo </CustID>
      <ProfileID>270</ProfileID>
      <Origin>
        <ZipCode>38017</ZipCode>
      </Origin>
      <Destination>
        <ZipCode>60606</ZipCode>
      </Destination>
      <MoveID>45932</MoveID>
      <TotalWeight>1200</TotalWeight>
      <DefaultClass>50 </DefaultClass>
      <TariffType>SMC</TariffType>
      <TariffName>LITECZ02 </TariffName>
      <TariffDate>10/01/2000</TariffDate>
      <Discount>75</Discount>
      <PalletCount>0</PalletCount>
    <LTL>
      <LtIBEO>
        <RateWeight>0</RateWeight>
        <RateClass>50 </RateClass>
        <RateBase>0</RateBase>
        <RealClass>50</RealClass>
        <Rate>0</Rate>
      </LtIBEO>
      <LtIBEO>
        <RateWeight>0</RateWeight>
        <RateClass>55 </RateClass>
        <RateBase>0</RateBase>
        <RealClass>55</RealClass>
        <Rate>0</Rate>
      </LtIBEO>
      <LtIBEO>
        <RateWeight>0</RateWeight>
        <RateClass>60 </RateClass>
        <RateBase>0</RateBase>
        <RealClass>60</RealClass>
        <Rate>0</Rate>
      </LtIBEO>
    </LTL>
  </RouteGuideBEO>
</RouteGuideList>
```

```
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>65 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>65</RealClass>
  <Rate>0</Rate>
</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>70 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>70</RealClass>
  <Rate>0</Rate>
</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>77 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>77</RealClass>
  <Rate>0</Rate>
</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>85 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>85</RealClass>
  <Rate>0</Rate>
</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>92 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>92</RealClass>
  <Rate>0</Rate>
</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>100</RateClass>
  <RateBase>0</RateBase>
  <RealClass>100</RealClass>
  <Rate>0</Rate>
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<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>110</RateClass>
  <RateBase>0</RateBase>
  <RealClass>110</RealClass>
  <Rate>0</Rate>
```

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</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>125</RateClass>
  <RateBase>0</RateBase>
  <RealClass>125</RealClass>
  <Rate>0</Rate>
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  <RateWeight>0</RateWeight>
  <RateClass>150</RateClass>
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  <RateWeight>0</RateWeight>
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  <RealClass>250</RealClass>
  <Rate>0</Rate>
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  <RateWeight>0</RateWeight>
  <RateClass>300</RateClass>
  <RateBase>0</RateBase>
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<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>400</RateClass>
  <RateBase>0</RateBase>
  <RealClass>400</RealClass>
```

```

    <Rate>0</Rate>
  </LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>500</RateClass>
  <RateBase>0</RateBase>
  <RealClass>500</RealClass>
  <Rate>0</Rate>
</LtIBEO>
</LTL>
<SmallPackage />
<Accessorial>
  <AccessorialBEO>
    <AccsDesc>Fuel Discount</AccsDesc>
    <AccessorialCode>FUE </AccessorialCode>
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    <MaxAmount>5000.00</MaxAmount>
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    <RatedAmount>1.00</RatedAmount>
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    <WeightTo>20000.00</WeightTo>
    <RateType>R</RateType>
    <RateFactor>-10.00</RateFactor>
    <HasRecord>>true</HasRecord>
    <AccsInclude>N</AccsInclude>
    <RateInclude>>true</RateInclude>
  </AccessorialBEO>
  <AccessorialBEO>
    <AccsDesc>Sell Margin</AccsDesc>
    <AccessorialCode>SEL </AccessorialCode>
    <MinAmount>1.00</MinAmount>
    <MaxAmount>5000.00</MaxAmount>
    <Rate>0</Rate>
    <BilledAmount>0</BilledAmount>
    <RatedAmount>17.77200012207020</RatedAmount>
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    <WeightTo>40000.00</WeightTo>
    <RateType>R</RateType>
    <RateFactor>20.00</RateFactor>
    <HasRecord>>true</HasRecord>
    <AccsInclude>Y</AccsInclude>
    <RateInclude>>true</RateInclude>
  </AccessorialBEO>
  <AccessorialBEO>
    <AccsDesc>Single Shipment</AccsDesc>
    <AccessorialCode>SS </AccessorialCode>
    <MinAmount>1.00</MinAmount>

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<MaxAmount>10000.00</MaxAmount>
<Rate>0</Rate>
<BilledAmount>0</BilledAmount>
<RatedAmount>17.77200012207020</RatedAmount>
<WeightFrom>1.00</WeightFrom>
<WeightTo>20000.00</WeightTo>
<RateType>R</RateType>
<RateFactor>20.00</RateFactor>
<HasRecord>>true</HasRecord>
<AccsInclude>Y</AccsInclude>
<RateInclude>>true</RateInclude>
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<BilledAmount>0</BilledAmount>
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<RateFactor>0</RateFactor>
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<AccessorialBEO>
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  <WeightTo>0</WeightTo>
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  <RateInclude>>false</RateInclude>
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  <MaxAmount>0</MaxAmount>
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  <BilledAmount>0</BilledAmount>
  <RatedAmount>0</RatedAmount>
  <WeightFrom>0</WeightFrom>
  <WeightTo>0</WeightTo>
  <RateFactor>0</RateFactor>
  <HasRecord>>false</HasRecord>
  <AccsInclude>N</AccsInclude>
  <RateInclude>>false</RateInclude>
</AccessorialBEO>
<AccessorialBEO>
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  <MaxAmount>0</MaxAmount>
  <Rate>0</Rate>
  <BilledAmount>0</BilledAmount>
  <RatedAmount>0</RatedAmount>
  <WeightFrom>0</WeightFrom>
  <WeightTo>0</WeightTo>
  <RateFactor>0</RateFactor>
  <HasRecord>>false</HasRecord>
  <AccsInclude>N</AccsInclude>
```

```

    <RateInclude>>false</RateInclude>
  </AccessorialBEO>
  <AccessorialBEO>
    <AccessorialCode>RES </AccessorialCode>
    <MinAmount>0</MinAmount>
    <MaxAmount>0</MaxAmount>
    <Rate>0</Rate>
    <BilledAmount>0</BilledAmount>
    <RatedAmount>0</RatedAmount>
    <WeightFrom>0</WeightFrom>
    <WeightTo>0</WeightTo>
    <RateFactor>0</RateFactor>
    <HasRecord>>false</HasRecord>
    <AccsInclude>Y</AccsInclude>
    <RateInclude>>false</RateInclude>
  </AccessorialBEO>
</AccsPrimary>
<CarrierConnect>
  <OrgType>Direct</OrgType>
  <DestType>Direct</DestType>
  <OrgTerminal>
    <TerminalName>MEMPHIS TN </TerminalName>
    <Address1>CON-WAY FREIGHT </Address1>
    <Address2>3955 E SHELBY DRIVE </Address2>
    <City>MEMPHIS </City>
    <State>TN</State>
    <ZipCode>38118 </ZipCode>
    <Email> </Email>
    <ContactName>CHUCK LEEKE</ContactName>
    <Phone>901-396-8371</Phone>
    <Fax>901-396-7134</Fax>
  </OrgTerminal>
  <DestTerminal>
    <TerminalName>CHICAGO IL </TerminalName>
    <Address1>CON-WAY FREIGHT </Address1>
    <Address2>3000 WEST 36TH STREET </Address2>
    <City>CHICAGO </City>
    <State>IL</State>
    <ZipCode>60632 </ZipCode>
    <Email> </Email>
    <ContactName>RICHARD SHERRIE </ContactName>
    <Phone>773-890-5894</Phone>
    <Fax>773-523-1285</Fax>
  </DestTerminal>
  <ServiceDays>01</ServiceDays>
</CarrierConnect>
<CarrierConnectList />
<Fuel>

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```
<FuelRate>18.800</FuelRate>
<FuelType>P</FuelType>
</Fuel>
<MileDetail>
  <Mile>561</Mile>
</MileDetail>
<MinAmount>65</MinAmount>
<MaxAmount>5000</MaxAmount>
<RatedBEO>
  <GrossAmount>0</GrossAmount>
  <NetAmount>142.10968096923739</NetAmount>
  <FuelAmount>16.705680114745988</FuelAmount>
  <AccsAmount>36.5440002441404</AccsAmount>
  <Discount>266.580001831055</Discount>
  <SMCRate>355.440002441406</SMCRate>
  <SMCError>0</SMCError>
  <DeficitWeight>0</DeficitWeight>
  <DeficitRate>0</DeficitRate>
  <RatedAmount>355.440002441406</RatedAmount>
  <CzarMinimum>90.3000030517578</CzarMinimum>
  <FreightCharge>88.860000610351</FreightCharge>
  <ShipmentCost>105.565680725097</ShipmentCost>
  <Mile>0</Mile>
</RatedBEO>
<CarrierCode>CNWY </CarrierCode>
<CarrierName>Conway</CarrierName>
<CarrierURL />
<WeightFrom>0</WeightFrom>
<WeightTo>0</WeightTo>
<ServiceLevel>STD</ServiceLevel>
<FakBEOList>
  <LtIBEO>
    <RateWeight>1200</RateWeight>
    <RateClass>50 </RateClass>
    <RateBase>29.6200008392334</RateBase>
    <RealClass>50</RealClass>
    <Rate>355.44000244140625</Rate>
  </LtIBEO>
</FakBEOList>
<MinimumFlag>>false</MinimumFlag>
<MaxFlag>>false</MaxFlag>
<TariffTypeDescription>SMC</TariffTypeDescription>
<ShipmentDate>11/19/2009</ShipmentDate>
</Movement>
<LTLFak />
</RouteGuideBEO>
<RouteGuideBEO>
  <AccessorialFlag>>false</AccessorialFlag>
```

```
<FuelFlag>>false</FuelFlag>
<ServiceLevel>All</ServiceLevel>
<CarrierCode>OLDR </CarrierCode>
<RouteID>0</RouteID>
<OriginType>0</OriginType>
<Movement>
  <CustID>Demo </CustID>
  <ProfileID>270</ProfileID>
  <Origin>
    <ZipCode>38017</ZipCode>
  </Origin>
  <Destination>
    <ZipCode>60606</ZipCode>
  </Destination>
  <MoveID>45118</MoveID>
  <TotalWeight>1200</TotalWeight>
  <DefaultClass>50 </DefaultClass>
  <TariffType>SMC</TariffType>
  <TariffName>LITECZ02 </TariffName>
  <TariffDate>10/01/2000</TariffDate>
  <Discount>50</Discount>
  <PalletCount>0</PalletCount>
  <LTL>
    <LtIBEO>
      <RateWeight>0</RateWeight>
      <RateClass>50 </RateClass>
      <RateBase>0</RateBase>
      <RealClass>50</RealClass>
      <Rate>0</Rate>
    </LtIBEO>
    <LtIBEO>
      <RateWeight>0</RateWeight>
      <RateClass>55 </RateClass>
      <RateBase>0</RateBase>
      <RealClass>55</RealClass>
      <Rate>0</Rate>
    </LtIBEO>
    <LtIBEO>
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      <RateClass>60 </RateClass>
      <RateBase>0</RateBase>
      <RealClass>60</RealClass>
      <Rate>0</Rate>
    </LtIBEO>
    <LtIBEO>
      <RateWeight>0</RateWeight>
      <RateClass>65 </RateClass>
      <RateBase>0</RateBase>
    </LtIBEO>
  </LTL>

```

```
<RealClass>65</RealClass>
<Rate>0</Rate>
</LtIBEO>
<LtIBEO>
  <RateWeight>0</RateWeight>
  <RateClass>70 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>70</RealClass>
  <Rate>0</Rate>
</LtIBEO>
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  <RateWeight>0</RateWeight>
  <RateClass>77 </RateClass>
  <RateBase>0</RateBase>
  <RealClass>77</RealClass>
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  <RateWeight>0</RateWeight>
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  <RateBase>0</RateBase>
  <RealClass>85</RealClass>
  <Rate>0</Rate>
</LtIBEO>
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  <RealClass>92</RealClass>
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  <RateBase>0</RateBase>
  <RealClass>100</RealClass>
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  <RateWeight>0</RateWeight>
  <RateClass>110</RateClass>
  <RateBase>0</RateBase>
  <RealClass>110</RealClass>
  <Rate>0</Rate>
</LtIBEO>
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  <RateWeight>0</RateWeight>
  <RateClass>125</RateClass>
```

```
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<RealClass>125</RealClass>
<Rate>0</Rate>
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  <RateClass>150</RateClass>
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  <RateBase>0</RateBase>
  <RealClass>175</RealClass>
  <Rate>0</Rate>
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  <RateBase>0</RateBase>
  <RealClass>200</RealClass>
  <Rate>0</Rate>
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  <RateWeight>0</RateWeight>
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  <RateBase>0</RateBase>
  <RealClass>250</RealClass>
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  <RateWeight>0</RateWeight>
  <RateClass>300</RateClass>
  <RateBase>0</RateBase>
  <RealClass>300</RealClass>
  <Rate>0</Rate>
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  <RealClass>400</RealClass>
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</LtIBEO>
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</LTL>
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    <AccessorialCode>FUE </AccessorialCode>
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    <RatedAmount>1.00</RatedAmount>
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    <RateFactor>-10.00</RateFactor>
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  <AccessorialBEO>
    <AccsDesc>Sell Margin</AccsDesc>
    <AccessorialCode>SEL </AccessorialCode>
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    <RateFactor>20.00</RateFactor>
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  <AccessorialBEO>
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  <AccessorialCode>RES </AccessorialCode>
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<RateInclude>>false</RateInclude>
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</AccsPrimary>
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  <DestType>ALL</DestType>
  <OrgTerminal>
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    <Address1>      </Address1>
    <Address2>      </Address2>
    <City>          </City>
    <State>         </State>
    <ZipCode>       </ZipCode>
    <Email>         </Email>
    <ContactName>   </ContactName>
    <Phone>000-000-0000</Phone>
    <Fax>000-000-0000</Fax>
  </OrgTerminal>
  <DestTerminal>
    <TerminalName>* * * LTL - AVERAGE DAYS </TerminalName>
    <Address1>          </Address1>
    <Address2>          </Address2>
    <City>              </City>
    <State>             </State>
    <ZipCode>           </ZipCode>
    <Email>             </Email>
    <ContactName>       </ContactName>
    <Phone>000-000-0000</Phone>
    <Fax>000-000-0000</Fax>
  </DestTerminal>
  <ServiceDays>02</ServiceDays>
</CarrierConnect>
<CarrierConnectList />
<Fuel>
  <FuelRate>6.000</FuelRate>
  <FuelType>P</FuelType>
</Fuel>
<MileDetail>

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<Mile>561</Mile>
</MileDetail>
<MinAmount>70</MinAmount>
<MaxAmount>5000</MaxAmount>
<RatedBEO>
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  <NetAmount>260.47120178222639</NetAmount>
  <FuelAmount>10.66320007324218</FuelAmount>
  <AccsAmount>72.0880004882812</AccsAmount>
  <Discount>177.720001220703</Discount>
  <SMCRate>355.440002441406</SMCRate>
  <SMCError>0</SMCError>
  <DeficitWeight>0</DeficitWeight>
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  <RatedAmount>355.440002441406</RatedAmount>
  <CzarMinimum>90.3000030517578</CzarMinimum>
  <FreightCharge>177.720001220703</FreightCharge>
  <ShipmentCost>188.3832012939452</ShipmentCost>
  <Mile>0</Mile>
</RatedBEO>
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<CarrierName>Old Rates</CarrierName>
<CarrierURL />
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<FakBEOList>
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    <RateBase>29.6200008392334</RateBase>
    <RealClass>50</RealClass>
    <Rate>355.44000244140625</Rate>
  </LtIBEO>
</FakBEOList>
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<ShipmentDate>11/19/2009</ShipmentDate>
</Movement>
<LTLFak />
</RouteGuideBEO>
</RouteGuideList>
<RouteGuide>
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  <FuelFlag>>false</FuelFlag>
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  <OriginType>0</OriginType>
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</LTLFak>
</RouteGuide>
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  <AccessorialBEO>
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  <MaxAmount>0</MaxAmount>
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  <RatedAmount>0</RatedAmount>
  <WeightFrom>0</WeightFrom>
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  <RateInclude>>false</RateInclude>
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  <RatedAmount>0</RatedAmount>
  <WeightFrom>0</WeightFrom>
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  <AccsInclude>N</AccsInclude>
  <RateInclude>>false</RateInclude>
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<AccessorialBEO>
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  <RatedAmount>0</RatedAmount>
  <WeightFrom>0</WeightFrom>
  <WeightTo>0</WeightTo>
  <RateFactor>0</RateFactor>
  <HasRecord>>false</HasRecord>
  <AccsInclude>N</AccsInclude>
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</AccessorialBEO>
<AccessorialBEO>
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```

<AccessorialCode>RES </AccessorialCode>
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<MaxAmount>0</MaxAmount>
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<RateFactor>0</RateFactor>
<HasRecord>>false</HasRecord>
<AccsInclude>Y</AccsInclude>
<RateInclude>>false</RateInclude>
</AccessorialBEO>
</LccAccsBEOList>
<Mile>0</Mile>
<StopRangeMile />
  </RateBEO>

```

In this example the result set contains two carriers with their rates. The results are at **RateBEO/RouteGuideList/RouteGuideBEO/Movement**

The rate details can be found at **RateBEO/RouteGuideList/RouteGuideBEO/Movement/RatedBEO**

```

<RatedBEO>
  <!-- Gross Amount -->
  <GrossAmount>0</GrossAmount>
  <!-- Net Amount (Freight + Fuel + Accessorial) -->
  <NetAmount>260.47120178222639</NetAmount>
  <!-- Fuel Amount -->
  <FuelAmount>10.66320007324218</FuelAmount>
  <!-- Accessorial Amount -->
  <AccsAmount>72.0880004882812</AccsAmount>
  <!-- Discount Amount -->
  <Discount>177.720001220703</Discount>
  <!-- SMC Rate -->
  <SMCRate>355.440002441406</SMCRate>
  <!-- SMC Error Code if there is any -->
  <SMCError>0</SMCError>
  <!-- Deficit Weight -->
  <DeficitWeight>0</DeficitWeight>
  <!-- Deficit Rate -->
  <DeficitRate>0</DeficitRate>
  <!-- ALJEX Rated Amount -->
  <RatedAmount>355.440002441406</RatedAmount>
  <!-- Minimum Rate Amount -->
  <CzarMinimum>90.3000030517578</CzarMinimum>
  <!-- Freight charges -->

```

```
<FreightCharge>177.720001220703</FreightCharge>
  <!-- Shipment Cost -->
  <ShipmentCost>188.3832012939452</ShipmentCost>
</RatedBEO>
```

The Carrier Details are under

RateBEO/RouteGuideList/RouteGuideBEO/Movement/CarrierCode
and

RateBEO/RouteGuideList/RouteGuideBEO/Movement/CarrierName

The Carrier Connect Details are under

RateBEO/RouteGuideList/RouteGuideBEO/Movement/CarrierConnect

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  <DestType>Direct</DestType>
  <OrgTerminal>
    <TerminalName>MEMPHIS TN </TerminalName>
    <Address1>CON-WAY FREIGHT </Address1>
    <Address2>3955 E SHELBY DRIVE </Address2>
    <City>MEMPHIS </City>
    <State>TN</State>
    <ZipCode>38118 </ZipCode>
    <Email> </Email>
    <ContactName>CHUCK LEEKE</ContactName>
    <Phone>901-396-8371</Phone>
    <Fax>901-396-7134</Fax>
  </OrgTerminal>
  <DestTerminal>
    <TerminalName>CHICAGO IL </TerminalName>
    <Address1>CON-WAY FREIGHT </Address1>
    <Address2>3000 WEST 36TH STREET </Address2>
    <City>CHICAGO </City>
    <State>IL</State>
    <ZipCode>60632 </ZipCode>
    <Email> </Email>
    <ContactName>RICHARD SHERRIE </ContactName>
    <Phone>773-890-5894</Phone>
    <Fax>773-523-1285</Fax>
  </DestTerminal>
  <ServiceDays>01</ServiceDays>
</CarrierConnect>
```

RateBEO/RouteGuideList will have multiple RouteGuideBEOs for multiple carriers in the result. The first one will be the least cost carrier.