Freight Tracking Web Service Implementation Guide
Peninsula Truck Lines, Inc.
Freight Tracking Web Service Implementation Guide

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SECTION 1 – GENERAL

The freight tracking web service system provides customers with the ability to retrieve freight status information directly from Peninsula’s computer system. An HTTP call is made by the customer’s application and processed by the freight tracking system. Freight status is returned in XML format.

SECTION 2 – CALLING THE FREIGHT TRACKING WEB SERVICE

CALLING PARAMETERS

<table>
<thead>
<tr>
<th>Parameter Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>userId</td>
<td>Web user Id</td>
</tr>
<tr>
<td>password</td>
<td>Web password</td>
</tr>
<tr>
<td>proNumber</td>
<td>Freight bill number</td>
</tr>
</tbody>
</table>

CALLING METHODS

The freight tracking web service can be requested with one of four methods: SOAP 1.1, SOAP 1.2, HTTP GET, and HTTP POST. The request and response for each type follow. It should be noted that the response will include either the XML status or errors attribute depending upon whether a runtime error occurred when the service was called. An error message will be returned if a runtime error occurs.

SOAP 1.1

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with actual values.

```xml
POST /webservices/pensrater.asmx HTTP/1.1
Host: www.peninsulatruck.com
Content-Type: text/xml; charset=utf-8
Content-Length: length
SOAPAction: "http://peninsulatruck.com/WebServices/GetShipmentStatus"

<?xml version="1.0" encoding="utf-8"?>
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xmlns:xsd="http://www.w3.org/2001/XMLSchema"
    xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
    <soap:Body>
       <GetShipmentStatus xmlns="http://peninsulatruck.com/WebServices">
          <userId>string</userId>
          <password>string</password>
          <proNumber>string</proNumber>
       </GetShipmentStatus>
    </soap:Body>
</soap:Envelope>
```
SOAP 1.2

The following is a sample SOAP 1.2 request and response. The placeholders shown need to be replaced with actual values.

```
POST /webservices/pensrater.asmx HTTP/1.1
Host: www.peninsulatruck.com
Content-Type: application/soap+xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<soap12:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xmlns:xsd="http://www.w3.org/2001/XMLSchema"
xmlns:soap12="http://www.w3.org/2003/05/soap-envelope">
  <soap12:Body>
    <!-- SOAP body content goes here -->
  </soap12:Body>
</soap12:Envelope>
```
The following is a sample HTTP GET request and response. The placeholders shown need to be replaced with actual values.

**GET**

```
GET /webservices/pensrater.asmx/GetShipmentStatus?userId=string&password=string&proNumber=string HTTP/1.1
Host: www.peninsulatruck.com
HTTP/1.1 200 OK
```
<?xml version="1.0" encoding="utf-8"?>
<freightStatus xmlns="http://peninsulatruck.com/WebServices">
  <status>
    <proNumber>string</proNumber>
    <proDate>string</proDate>
    <interlinePro>string</interlinePro>
    <shipperNumber>string</shipperNumber>
    <poNumber>string</poNumber>
  </status>
  <freightParties>
    <freightParty>
      <partyType>string</partyType>
      <partyName>string</partyName>
      <partyAddress1>string</partyAddress1>
      <partyAddress2>string</partyAddress2>
      <partyCity>string</partyCity>
      <partyState>string</partyState>
      <partyZipCode>string</partyZipCode>
    </freightParty>
    <freightParty>
      <partyType>string</partyType>
      <partyName>string</partyName>
      <partyAddress1>string</partyAddress1>
      <partyAddress2>string</partyAddress2>
      <partyCity>string</partyCity>
      <partyState>string</partyState>
      <partyZipCode>string</partyZipCode>
    </freightParty>
  </freightParties>
  <freightTerminals>
    <freightTerminal>
      <terminalType>string</terminalType>
      <terminalCode>string</terminalCode>
      <terminalName>string</terminalName>
    </freightTerminal>
    <freightTerminal>
      <terminalType>string</terminalType>
      <terminalCode>string</terminalCode>
      <terminalName>string</terminalName>
    </freightTerminal>
  </freightTerminals>
  <proStatus>string</proStatus>
  <activityDetail>
    <freightActivity>
      <activityDate>string</activityDate>
      <activityTime>string</activityTime>
      <activityDescription>string</activityDescription>
      <activityLocation>string</activityLocation>
    </freightActivity>
    <freightActivity>
      <activityDate>string</activityDate>
      <activityTime>string</activityTime>
      <activityDescription>string</activityDescription>
      <activityLocation>string</activityLocation>
    </freightActivity>
  </activityDetail>
</freightStatus>
HTTP POST

The following is a sample HTTP POST request and response. The placeholders shown need to be replaced with actual values.

```http
POST /webservices/pensrater.asmx/GetShipmentStatus HTTP/1.1
Host: www.peninsulatruck.com
Content-Type: application/x-www-form-urlencoded
Content-Length: length

userId=string&password=string&proNumber=string

HTTP/1.1 200 OK
Content-Type: text/xml; charset=utf-8
Content-Length: length

<?xml version="1.0" encoding="utf-8"?>
<freightStatus xmlns="http://peninsulatruck.com/WebServices">
  <status>
    <proNumber>string</proNumber>
    <proDate>string</proDate>
    <interlinePro>string</interlinePro>
    <shipperNumber>string</shipperNumber>
    <poNumber>string</poNumber>
    <freightParties>
      <freightParty>
        <partyType>string</partyType>
        <partyName>string</partyName>
        <partyAddress1>string</partyAddress1>
        <partyAddress2>string</partyAddress2>
        <partyCity>string</partyCity>
        <partyState>string</partyState>
        <partyZipCode>string</partyZipCode>
      </freightParty>
      <freightParty>
        <partyType>string</partyType>
        <partyName>string</partyName>
        <partyAddress1>string</partyAddress1>
        <partyAddress2>string</partyAddress2>
        <partyCity>string</partyCity>
        <partyState>string</partyState>
        <partyZipCode>string</partyZipCode>
      </freightParty>
    </freightParties>
    <freightTerminals>
      <freightTerminal>
        <terminalType>string</terminalType>
        <terminalCode>string</terminalCode>
        <terminalName>string</terminalName>
      </freightTerminal>
    </freightTerminals>
  </status>
</freightStatus>
```
SECTION 3 – XML ATTRIBUTES

<table>
<thead>
<tr>
<th>Attribute</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>status</td>
<td></td>
</tr>
<tr>
<td>proNumber</td>
<td>Freight bill number</td>
</tr>
<tr>
<td>proDate</td>
<td>Freight bill date</td>
</tr>
<tr>
<td>interlinePro</td>
<td>Interline pro number (if interline carrier)</td>
</tr>
<tr>
<td>shipperNumber</td>
<td>Shipper bill of lading number</td>
</tr>
<tr>
<td>poNumber</td>
<td>Purchase order number</td>
</tr>
<tr>
<td>freightParties</td>
<td>Shipper or consignee</td>
</tr>
<tr>
<td>freightParty</td>
<td></td>
</tr>
<tr>
<td>partyType</td>
<td>Contains ‘Shipper’ or ‘Consignee’</td>
</tr>
<tr>
<td>partyName</td>
<td>Shipper name or Consignee Name</td>
</tr>
<tr>
<td>partyAddress1</td>
<td>Shipper address 1 or Consignee address 1</td>
</tr>
<tr>
<td>partyAddress2</td>
<td>Shipper address 2 or Consignee address 2</td>
</tr>
<tr>
<td>partyState</td>
<td>Shipper state or Consignee state</td>
</tr>
<tr>
<td>partyZipCode</td>
<td>Shipper zip code or Consignee zip code</td>
</tr>
<tr>
<td>freightTerminals</td>
<td>Terminal service</td>
</tr>
<tr>
<td>freightTerminal</td>
<td></td>
</tr>
<tr>
<td>terminalType</td>
<td>Contains ‘Origin’ or ‘Destination’</td>
</tr>
<tr>
<td>terminalCode</td>
<td>Peninsula Truck Lines Terminal Code</td>
</tr>
<tr>
<td>terminalName</td>
<td>Peninsula Truck Lines Terminal Name</td>
</tr>
<tr>
<td>proStatus</td>
<td>Freight Truck status descriptions</td>
</tr>
<tr>
<td>----------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>activityDetail</td>
<td></td>
</tr>
<tr>
<td>freightActivity</td>
<td>Detail freight status freight activity</td>
</tr>
<tr>
<td>activityDate</td>
<td>Freight activity date</td>
</tr>
<tr>
<td>activityTime</td>
<td>Freight activity time</td>
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<tr>
<td>activityDescription</td>
<td>Freight activity description</td>
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<tr>
<td>activityLocation</td>
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<tr>
<td>errors</td>
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</tr>
<tr>
<td>number</td>
<td>Runtime error number</td>
</tr>
<tr>
<td>message</td>
<td>Runtime error message</td>
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</table>