Pilot Freight Services  
Service Guide Web Service Documentation

A. Webservice Address


B. WSDL File


C. Functions to use in rating

1. **ServiceInfo** – returns new DataSet with default table ServiceGuide

   Input: **sOriginZip, sDestZip** as Strings (5 or 9 digit zip codes allowed)
   Return: DataSet w/ ServiceGuide table

   ```xml
   <soap12:Body>
   <ServiceInfo xmlns="http://www.pilotdelivers.com/">
   <sOriginZip>string</sOriginZip>
   <sDestZip>string</sDestZip>
   </ServiceInfo>
   </soap12:Body>
   
   <soap12:Body>
   <ServiceInfoResponse xmlns="http://www.pilotdelivers.com/">
   <ServiceInfoResult>
   xsd:schema>schema</xsd:schema>xml</ServiceInfoResult>
   </ServiceInfoResponse>
   </soap12:Body>
   ```

   A. **Sample VB Code:**

   ```vbnet
   Dim wsCoPilotSG as New wsCoPilotSG.wsCoPilotSG
   Dim zip1 as String = “19037”
   Dim zip2 as String = “90001”
   Dim res As DataSet = wsCoPilotSG.ServiceInfo(zip1, zip2)
   ```

   B. **Output:**

   Sample `<ServiceGuide>` for sOriginZip = ‘19037’ & sDestZip = ‘90001’
<ServiceGuide>
  <OriginZip>19037</OriginZip>
  <OriginState>PA</OriginState>
  <OriginCity>LIMA</OriginCity>
  <OriginOwner>PHL</OriginOwner>
  <OriginAirport>PHL</OriginAirport>
  <OriginZone>A</OriginZone>
  <OriginMileage>12</OriginMileage>
  <DestZip>90001</DestZip>
  <DestState>CA</DestState>
  <DestCity>LOS ANGELES</DestCity>
  <DestCounty>LOS ANGELES</DestCounty>
  <DestOwner>LAX</DestOwner>
  <DestService>PM</DestService>
  <DestAirport1>LAX</DestAirport1>
  <DestZone1>A</DestZone1>
  <DestMileage1>10</DestMileage1>
  <DestAirport2></DestAirport2>
  <DestZone2></DestZone2>
  <DestAirport3></DestAirport3>
  <DestZone3></DestZone3>
  <LoadError/></LoadError></ServiceGuide>

Schema explanation:

<ServiceGuide>
  <OriginZip>sOriginZip passed into web method</OriginZip>
  <OriginState>state code expressed as 2 character US State</OriginState>
  <OriginCity>city code expressed as full string city name</OriginCity>
  <OriginOwner>pilot station that controls the origin location</OriginOwner>
  <OriginAirport>airport code expressed as 3 character US Airport</OriginAirport>
  <OriginZone>pilot uses A, B, C, D, and Y to represent distance from location</OriginZone>
  <OriginMileage>actual distance in miles from origin airport</OriginMileage>
  <DestZip>sDestZip passed into web method</DestZip>
  <DestState>state code expressed as 2 character US State</DestState>
  <DestCity>city code expressed as full string city name</DestCity>
  <DestCounty>county code expressed as full string county name</DestCounty>
  <DestOwner>pilot station that controls the destination location</DestOwner>
  <DestService>standard service available (without upgrading service)</DestService>
  <DestAirport1>airport code expressed as 3 character US Airport</DestAirport1>
  <DestZone1>pilot uses A, B, C, D, and Y to represent distance from location</DestZone1>
  <DestMileage1>actual distance in miles from destination airport</DestMileage1>
  <DestAirport2>only pulled back if data is available and applicable</DestAirport2>
  <DestZone2>only pulled back if data is available and applicable</DestZone2>
  <DestAirport3>only pulled back if data is available and applicable</DestAirport3>
  <DestZone3>only pulled back if data is available and applicable</DestZone3>
  <LoadError>error details if any occurred</LoadError></ServiceGuide>

2. **FindOriginByZip** - returns 3 character Pilot station code for given zip code

   Input – **sZip** as string (5 or 9 digit zip code allowed)

   ```
   <soap:Body>
   <FindOriginByZip xmlns="http://www.pilotdelivers.com/">
     <sZip>string</sZip>
   </FindOriginByZip>
   </soap:Body>
   ```
<soap:Body>
  <FindOriginByZipResponse xmlns="http://www.pilotdelivers.com/">
  <FindOriginByZipResult>string</FindOriginByZipResult>
  </FindOriginByZipResponse>
</soap:Body>

A. **Sample VB Code:**

```vbnet
Dim wsCoPilotSG as New wsCoPilotSG.wsCoPilotSG
Dim zip1 as String = "19037"
Dim res As String = wsCoPilotSG.FindOriginByZip(zip1)
```

B. **Output:**

Sample for sZip = ‘19037’

```xml
<string xmlns="http://www.pilotdelivers.com/">PHL</string>
```