

Pilot Freight Services

Service Guide Web Service Documentation

A. Webservice Address

1. <http://pilotws.pilotdelivers.com/copilotforms/wsCoPilotSG.asmx>

B. WSDL File

1. <http://pilotws.pilotdelivers.com/copilotforms/wsCoPilotSG.asmx?WSDL>

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

```
<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:

```
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 />
</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 / >
</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:

```
Dim wsCoPilotSG as New wsCoPilotSG.wsCoPilotSG
```

```
Dim zip1 as String = "19037"
```

```
Dim res As String = wsCoPilotSG.FindOriginByZip(zip1)
```

B. Output:

Sample for sZip = '19037'

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