The purpose of this document is to provide the technical guideline for the transfer of Automobile files to IBC via a web service. To use this service in an automated manner, the submitting company is required to develop a script to consume the service. See section *Sample Client Code using ASP.NET.2.0* for sample code provided to assist companies in developing their scripts.

The other two methods for transferring Automobile files to IBC, secured FTP using site-to-site IPSec VPN and Web Browser (manual), are described in separate material.

PARAMETERS

The following are the parameters required to consume the web service:

Web service URL: https://filetransfer.ibc.ca/ASPSubmission/submit.asmx

Method Name: WSASPFileSubmit

Input Parameter:

> string **user name** (production user name created by IBC to access this service. ***Note***: *User-Id's provided for the All-Industry-Test period are not applicable)*

> string **password** (associated password for the user name),

> string **file name** (name of the file to be submitted),

> byte [ ] **file content** (byte array for file content)

Output Parameter:

> integer (zero means successful completion)

Exception: SoapException will be thrown when there is an error

WEB SERVICE DEFINITION LANGUAGE (WSDL)

The following are the steps to interface with the web service:

1. Reference the web services by accessing: IBC.WS.ASP
2. Create an instance as follows:
   ASPSubmission proxy = new ASPSubmission();
3. Invoke the method as follows:
   proxy. WSASPFileSubmit (user name, password, file name, byteArray)

TESTING THE CONNECTIVITY

To test connectivity, invoke the following method and send a test file.

Web service URL: https://filetransfer.ibc.ca/ASPSubmission/submit.asmx

Method Name: WSASPFileSubmit

Input Parameter:

> **user name:** WSTest
> **password**: Welcome1
> **file name:** <Reporting Company Number>_ ASP2008Test i.e. 123_ASP2008Test
> byte [ ] **file content** (byte array for file content)

Output Parameter:

> integer (zero means successful completion)

Exception: SoapException will be thrown when there is an error

SAMPLE CLIENT CODE USING ASP.NET 2.0

```
public class TrustAllCertificatePolicy
{
      public static bool RemoteCertificateValidationCallback(Object sender,
X509Certificate certificate, X509Chain chain, SslPolicyErrors sslPolicyErrors)
      {
      //Return True to force the certificate to be accepted.
      return true;
      }
}
/// <summary>
/// Reference the web service
https://filetransfer.ibc.ca/ASPSubmission/submit.asmx
/// </summary>
/// <param name="sender"></param>
/// <param name="e"></param>
private void Submit_Click(object sender, EventArgs e)
{

//load Certifiate to SSL channel
ServicePointManager.ServerCertificateValidationCallback = new
RemoteCertificateValidationCallback(TrustAllCertificatePolicy.RemoteCertificateValidatio
nCallback);

   try
   {
   String msg = "";
   //Convert the file to bytes
   OpenFileDialog ofd = new OpenFileDialog();
   byte[] b = new byte[ofd.FileName.Length];
   string filePath = ofd.FileName;
   string fileName = filePath.Substring(filePath.LastIndexOf("\\") + 1);
```

```
    FileStream fs = new FileStream(ofd.FileName, FileMode.Open);
    fs.Read(b, 0, ofd.FileName.Length);
    //Instantiate the webservice
    WS.Submit s = new WS.Submit();
    //Submit the file
   msg = s.WSASPFileSubmit("wstest", "Welcome1", "PAUTO.D08152.V001.C58882", b);
  }
   catch (Exception ex)
  {
     //...;
   }

 }
```

OBTAINING TECHNICAL SUPPORT

If you require additional support in establishing connectivity please forward a request to ASP2008@IBC.ca indicating you require technical connectivity assistance. Please provide your name, phone number, company name and reporting company number and a member of the IBC Support team will contact you.