Appendix B

Accessing the FCC Network Using Windows 95/98

These instructions describe how to access the FCC Network from a system that is running the Microsoft Windows 95/98 operating system. This involves configuring dial-up network access and then performing the dial-up procedure.

Configuring Dial-Up Network Access

1. To start dial-up networking:

    a. Click the Windows 95/98 Start button.
    b. Click the Programs option to display the Programs menu.
    c. Click the Accessories option to display the Accessories menu.
    d. In Windows 95, click Dial-Up Networking; in Windows 98, click Communications, then Dial-Up Networking. If Dial-Up Networking is not an option on your Accessories menu, you should install it from your Windows 95/98 CD or diskettes.

2. When the Dial-Up Networking window appears, double-click the Make New Connection icon.

3. The Make New Connection window appears. In the filed titled, "Type a name for the computer you are dialing", type ULS at FCC.

4. Select a modem. In Windows 95, click the down arrow at the right of the Select a modem field and select your modem from the menu of available modems. In Windows 98, click the down arrow at the right of the Select a device field and select your modem from the menu of available devices. If your modem does not appear on this list, you must install your modem driver according to the modem manufacturer installation procedures, which are usually described in your modem's user manual.

5. Click the Configure button. Click the Options tab at the top of the Properties window.

6. In the Connection control area of the Options tab, verify that neither option is selected. If either option is selected, click the check box at the left of the option to deselect it. Then click OK.

7. Click the Next button.

8. Type 800-844-2784 in the Area Code and Telephone Number fields. Verify that the correct country is selected in the Country code field. If not, click the down arrow at the right of the Country code field and select the appropriate country from the menu of available countries.

9. Click the Next button.

10. Click the Finish button. An icon titled ULS at FCC appears in the Dial-Up Networking window.

11. Verify that properties are configured correctly before attempting a dial-up session. Put the mouse pointer on the ULS at FCC icon and click the right mouse button to display a menu. Click Properties from the menu.

12. Click the Server Types button at the top of the ULS at FCC screen.

13. In the Advanced Options area of the Server Type window, verify that only Enable software compression is selected. If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.

14. In the Allowed Network Protocols area of the Server Type window, verify that only TCP/IP is selected. If it is not selected, click the check box at the left of the option to select it. If either of the other options is selected, click the check box to deselect it.

15. Click the TCP/IP Settings button.

16. Select server-assigned IP address.

17. Select Named Server Addresses and type 192.104.54.1 as the Primary DNS.

18. Verify that the last two options are checked (use IP header compression and use default gateway or remote network).

19. Click OK on the TCP/IP Settings window and the Server Type window.

20. If you are prompted to restart your computer, click Yes to restart, then begin the Dial-Up Procedure.

Dial-Up Procedure

1. If the Dial-Up Networking window is not currently open, do the following:

   a. Click the Windows 95/98 Start button.
   b. Click the Programs option to display the Programs menu.
   c. Click the Accessories option to display the Accessories menu.
   d. In Windows 95, click Dial-Up Networking; in Windows 98, click Communications, then Dial-Up Networking.

The Dial-Up Networking window appears.

2. Double-click the ULS at FCC icon in the Dial-Up Networking window.

3. Click the Connect button on the ULS at FCC window. Do not enter User name and Password. The Connecting to ULS at FCC window appears, indicating the status of your connection as your modem dials into the system. This window must remain running during your dial-up session. You may minimize the window, if you wish.

4. Once the connection is established, open your web browser.

5. In the Netsite field of the web browser screen, type wtbwww05.fcc.gov as the Universal Resource Locator (URL). Then press the Enter key.

6. When you have finished, exit the web browser, then click the Disconnect button on the ULS at FCC window to end your dial-up session.

Smart Update

On February 26, 1999, the FCC upgraded the ULS to use Smart Update technology to provide significant reductions in the amount of time it takes to file on-line. When connecting to the ULS, the following will occur:

   1. The ULS will automatically download two files to your Netscape directory once you click on either the "Online Filing" button or after clicking "ASR Home", click on the ASR Electronic filing or ASR Query on the next page. This will take approximately 6 minutes using a 28.8 connection, during which time you will see a dialog box showing the progress of the file transfer.

2. Once the download is complete, you will be prompted to close and restart your Netscape browser. **Note**: You do not need to disconnect your modem connection.

3. After restarting your browser, use the ULS to file applications in the same way that you have done so in the past. You will notice significant increases in system speed.

Important information regarding use of Smart Update:

1. You will need 3 MB free disk space on your hard drive.
2. Smart Update only works with the Netscape browser.
3. The file download only happens once. If you disconnect from ULS and reconnect at a later time, the system will detect that it has already downloaded the necessary files and will not perform this step again.

Note: When the ULS is upgraded by the Commission, the Netscape browser will automatically detect that it needs to update the downloaded files and the operation described above will need to be performed again. Currently, system upgrades are occurring approximately once per month.

Technical Support

For technical assistance contact the FCC Technical Support Hotline at 202-414-1250 (TTY 202-414-1255). The FCC Technical Support Hotline generally will be available Monday through Friday, from 8 a.m. to 6 p.m. Eastern Time. All calls to the FCC Technical Support Hotline are recorded. If you have any comments or questions about this information, you may also contact our Technical Support staff by e-mail at ulscomm@fcc.gov