Attachment D

ACCESSING THE FCC NETWORK
USING WINDOWS 95/98

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

Conventions

The instructions in this section use the following typographical conventions:

bold   Represents objects on the screen that you click with the mouse pointer, including buttons, Internet links, icons, tabs, menu items (e.g., **Cancel** button, **Auctions** link, **Save** option in the File menu).

italic   Represents field names or areas of a screen (e.g., *Applicant* field, *Selected Licenses* area of a screen).

bold italic   Represents characters that you must type exactly as they appear in the instructions. For example, if you are instructed to type ***http://wtbwww03.fcc.gov***, you should type all of the characters shown in bold italic exactly as they are printed.

SMALL CAPS   Represents keys on the keyboard (e.g., ENTER, CTRL, ESC).

Note: Throughout these instructions, "enter" means to type the appropriate information and then press the ENTER key.

Hardware and Software Requirements

To connect to the FCC Network using Windows 95/98 Dial-Up Networking requires, *at a minimum*, the following hardware and software:

Hardware Requirements
- CPU: Pentium or above
- RAM: 16 MB (more recommended)
- Hard Disk: 33 MB available disk space
- Monitor: VGA or above
- Modem: 28.8 kbps or higher
- Mouse or other pointing device

Software Requirements
- Netscape Communicator 4.51, 4.61, or higher[1] .
- Microsoft Windows 95/98

Note: If you are running Windows in a networked environment, check with your local network administrator for any potential conflicts with the Windows 95/98 Dial-Up Networking. This usually includes any TCP/IP installed network protocol.

The Windows 95/98 Dial-Up Networking will establish a direct connection from your PC to the FCC Network. This point-to-point connection is not routed through the Internet.

Configuring Dial-Up Networking

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 field entitled *Type a name for the computer you are dialing*, type ***ULS at FCC***.

4.   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 the **OK** button.

7.	Click the **Next** button.

8.	Type ***800*** in the *Area Code* field and ***844-2784*** in the *Telephone Number* field. Verify that the correct country is selected in the *Country code* field. If necessary, 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. Position the mouse pointer on the **ULS at FCC** icon and click the ***right*** mouse button to display a menu. Select **Properties** from the menu.

12.	Click the **Server Types** tab at the top of the Properties window.

13.	In the *Advanced Options* area, 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, 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 and select *Specify name server addresses*.

16.	Type ***192.104.54.1*** as the Primary DNS.

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

18.	a.	Click the Windows 95/98 *Start* button, then click the *Settings* option to display the Settings menu.

	b.	Click *Control Panel* and then double-click the *Network* icon.

	c.	Highlight the TCP/IP Protocol and click *Properties*. If there are multiple TCP/IP protocols, highlight TCP/IP --> Dial-Up Adapter and click *Properties*.

d. Click the *DNS Configuration* tab.

e. Select *Enable DNS*. Type **bidder** in the *Host* box, type **fcc.gov** in the *Domain* box, then type ***192.104.54.1*** in the DNS Server Search Order box and click the *Add* button.

f. Click *OK* on the TCP/IP Properties windows, then click *OK* on the Network windows.

g. 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 window. *Do not enter User name and Password.*

   The Connection 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.

   If your modem fails to establish a connection, please see the *Troubleshooting* section below.

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

5. In your browser's *Netsite* field, enter ***http://wtbwww05.fcc.gov***.

   If nothing appears in your Web browser, please see the *Troubleshooting* section below.

6. When you have finished, exit the Web browser, then click the **Disconnect** button on the Connection window to end your dial-up session.

Troubleshooting

Following are problems you may encounter and possible solutions for resolving or isolating them.

Modem does not respond

1. Confirm that all physical connections for the modem are present.

2. Confirm that the phone line is active by connecting it to a telephone and checking for a dial-tone.

3. Confirm that the correct modem driver is installed for your modem.

Modem dials but does not connect

1. Confirm that the number the modem is dialing is correct.

2. Confirm that the modem prefix, if any, is correct.

Modem dials and connects, but nothing appears when you enter the Netsite in the Web browser

1. Check the settings in your dial-up networking icon, particularly that the *Primary DNS* is **192.104.54.1** and that *TCP/IP* is the only selected protocol.

2. Confirm that your web browser is using no proxies.

3. If you do log into a TCP/IP LAN, confirm that your LAN network IP address is being released. To do so, connect to the FCC Network using dial-up networking, then click the **Start** button in Windows 95/98 and select **Run**. Type *winipcfg* and press **OK**. If your IP address does not begin with "192.104.", then your LAN IP address is not being released. Click the **Release All** button, or consult you LAN administrator.

Receive an Internal Server error in the Web browser

1. Confirm that the address entered in the *Netsite* is correct (***http://wtbwww05.fcc.gov***).

2. Confirm that *JavaScript* is enabled in your Web browser.

Technical Support

For technical assistance with installing or using FCC software, contact the FCC

Technical Support Hotline at (202) 414-1250 (voice) or (202) 414-1255 (TTY). The FCC Technical Support Hotline is generally available Monday through Friday, from 8 a.m. to 6 p.m. ET. All calls to the FCC Technical Support Hotline are recorded.

Note: To download the latest version of Netscape Communicator free of charge, access the Netscape download sit at **http://**