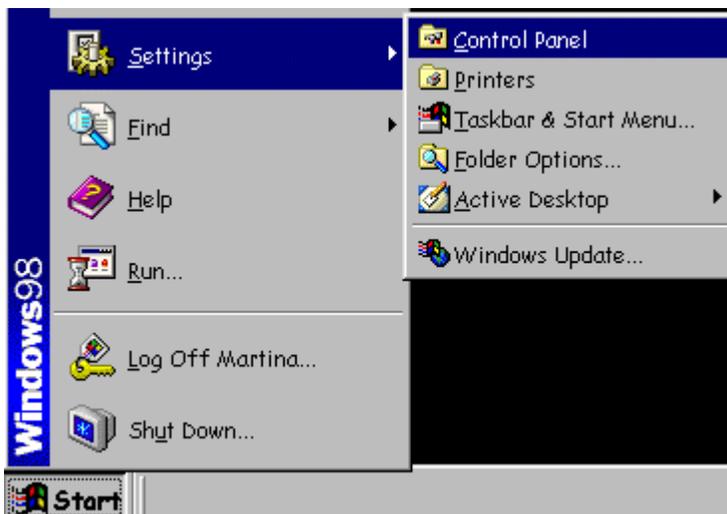


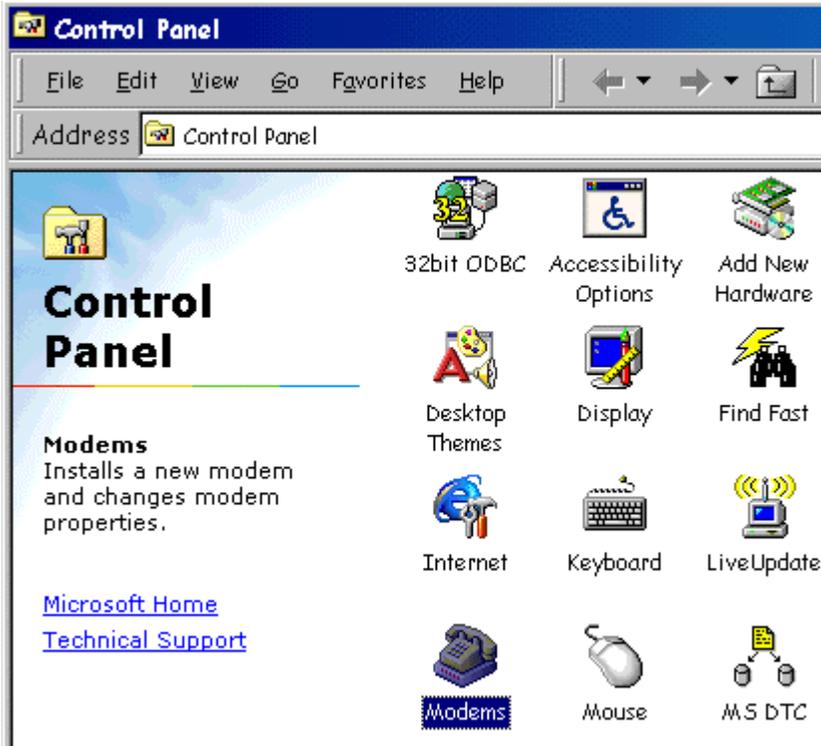
Configuring Windows 98 for NCI-Frederick Dialup Access

In order to have dial-up access to the NCI-Frederick computers, you must configure your modem properly.

NOTE: If you do not have a modem configured to your computer, Windows 98 will walk you through the modem setup automatically. Once you have completed the setup, however, repeat this section to double-check the settings.



Choose the **Start** button at the lower left hand corner of the desktop. Scroll to **Settings** and click on **Control Panel**.

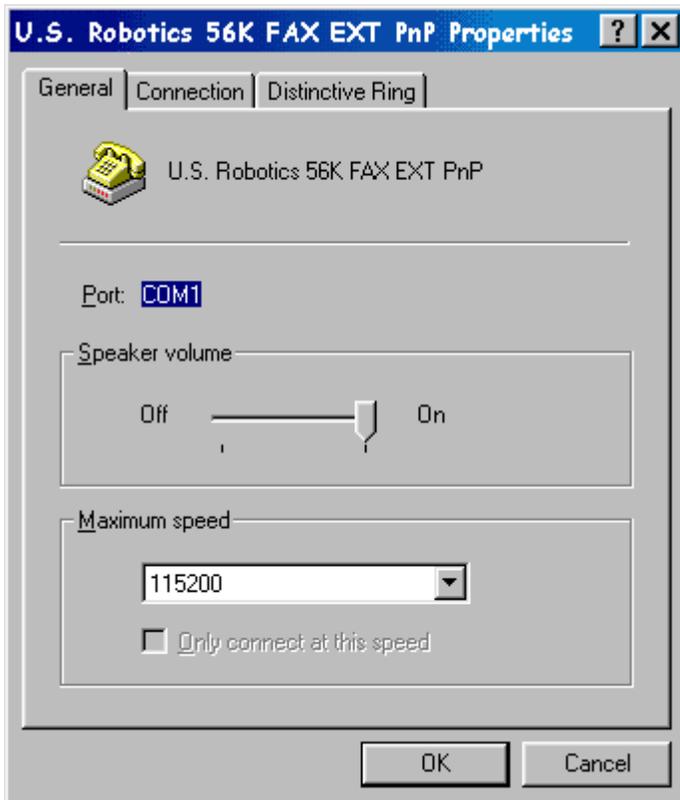


Double click on the **Modems** icon.

If you do not have any modems configured to your computer, Windows 98 will take you through the configuration step-by-step. Simply follow the prompts on the screen.



If you already have a modem configured in the **Modems Properties** window, highlight it and then click **Properties**.

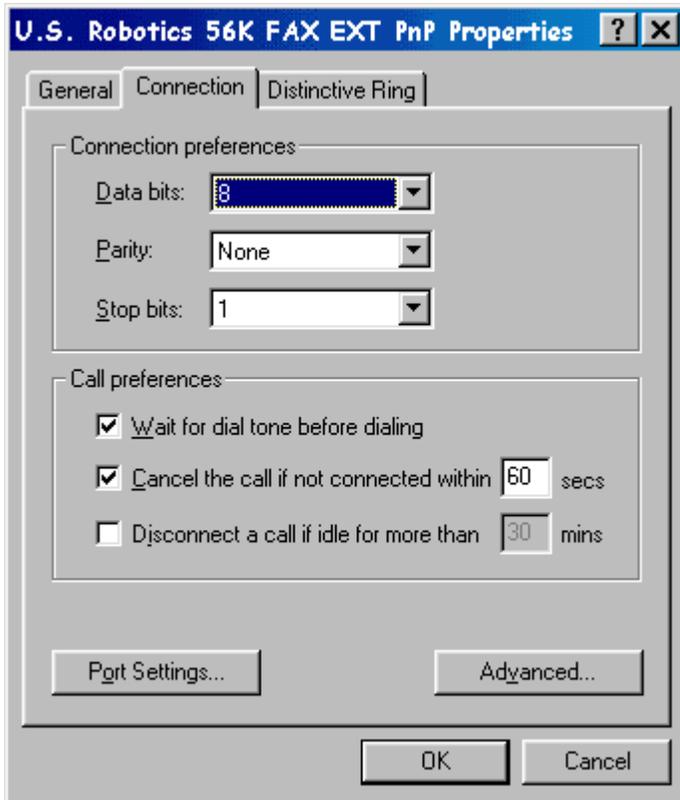


The **General** tab should appear as shown to the left.

Port: The port should have been selected when you configured your modem.

Speaker Volume: The speaker volume is a personal preference.

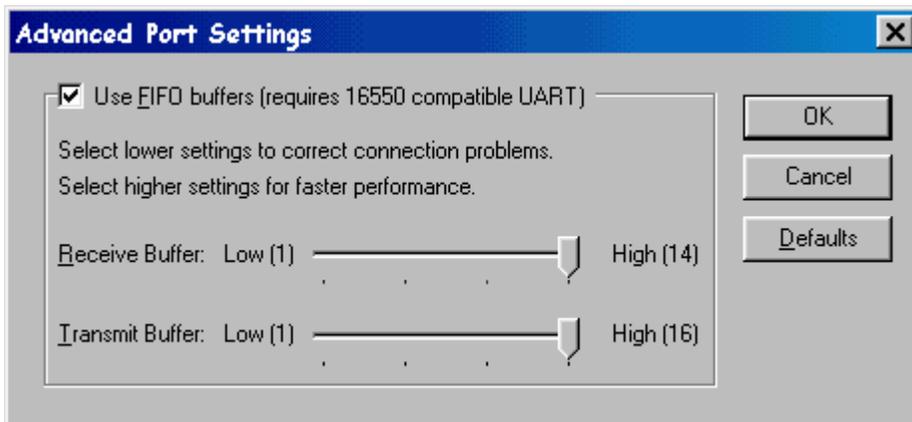
Maximum Speed: Choose **115200**.



Click on the **Connection** tab at the top of the window. It should appear as shown.

Data Bits: should be **8**
Parity: should be **none**
Stop Bits: should be **1**
Wait for Dial Tone before Dialing: should be selected
Cancel call if not within __ seconds: should be selected and **60** should be placed in the seconds box
Disconnect a call if idle for more than __ minutes should be deselected.

NOTE: If some of these options aren't available, don't worry. Your modem may not support them.

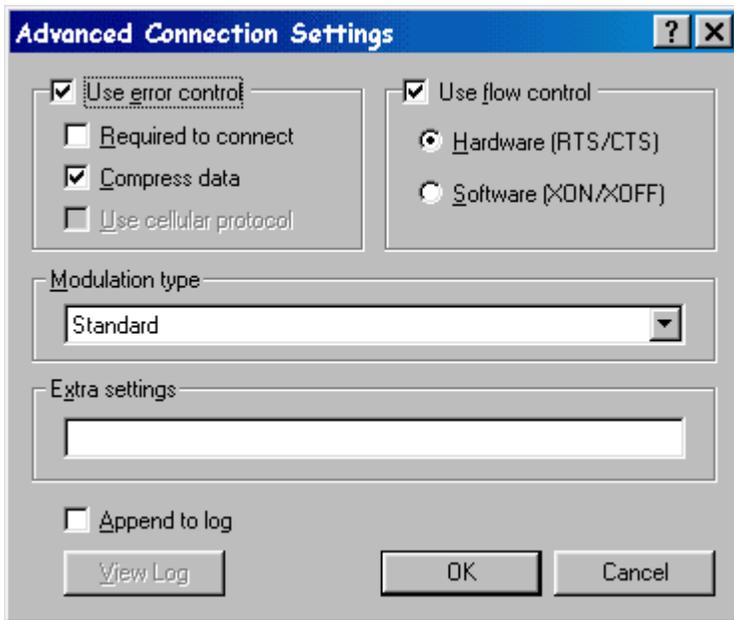


Click on the **Port Settings** button at the bottom of the window. It should appear as shown.

Use Fifo Buffers: should be selected
Receive Buffer: should be all the way to the right
Transmit Buffer: should be all the way to the right

Click **OK**.

NOTE: If some of these options weren't available, don't worry. Your modem may not support them.



Click on the **Advanced** button at the bottom of the screen. It should appear as shown.

Use error control: should be selected. Under this section, choose **Compress Data**

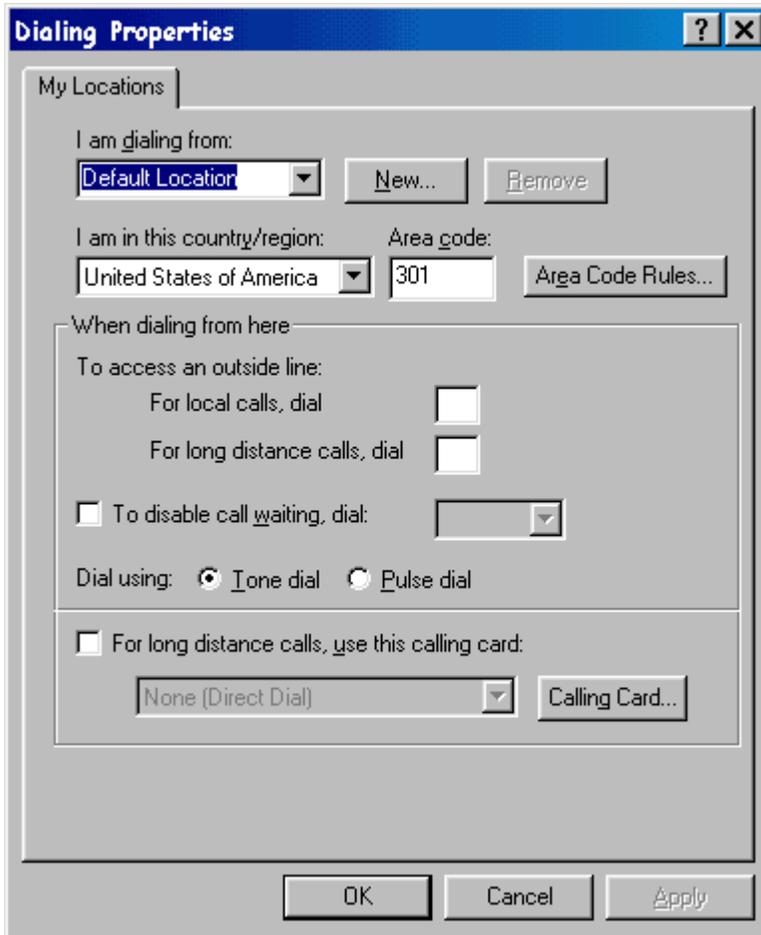
Use flow control: should be selected. Under this section, choose **Modulation Type:**

should be **Standard**
Extra Settings: should be left blank

Append to Log should be deselected.

Click **OK**.
Click **OK** again.

NOTE: If some of these options weren't available, don't worry. Your modem may not support them.



Click on the **Dialing Properties** button at the bottom of the window.

I am dialing from: Use **Default Location** or click on **New** and fill in the information about your dialing location.

I am in this country/region should be USA.

Area Code: should be 301 or appropriate code.

To access an outside line: fill in the appropriate numbers if it is necessary to dial to get an outside line

Call Waiting: choose this option if you have call waiting and type ***70** in the box to disable it. If you do not have call waiting, make sure that you **DO NOT** select this option.

Choose either **Tone Dialing** or **Pulse Dialing** as appropriate.

Click **OK**.



Click on the **Diagnostics** Tab at the top of the window. It should appear as shown.

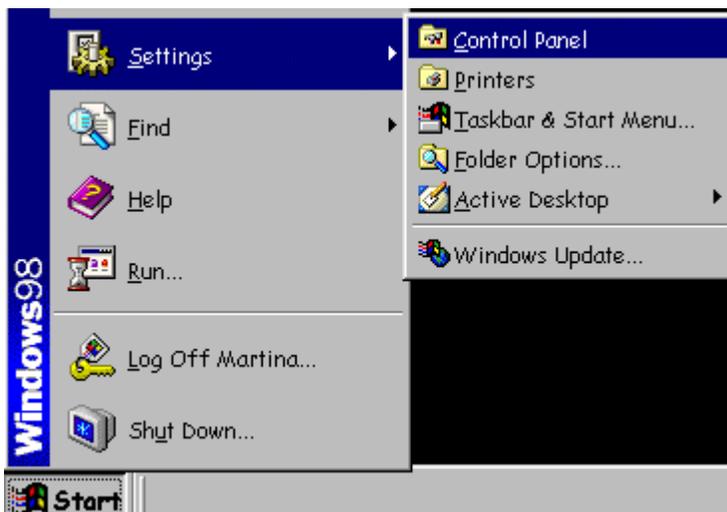
Highlight the **COM Port** that your modem is on.

Click on **More Info...** (This will check your modem to make sure that it is working properly.)

Click **OK**.

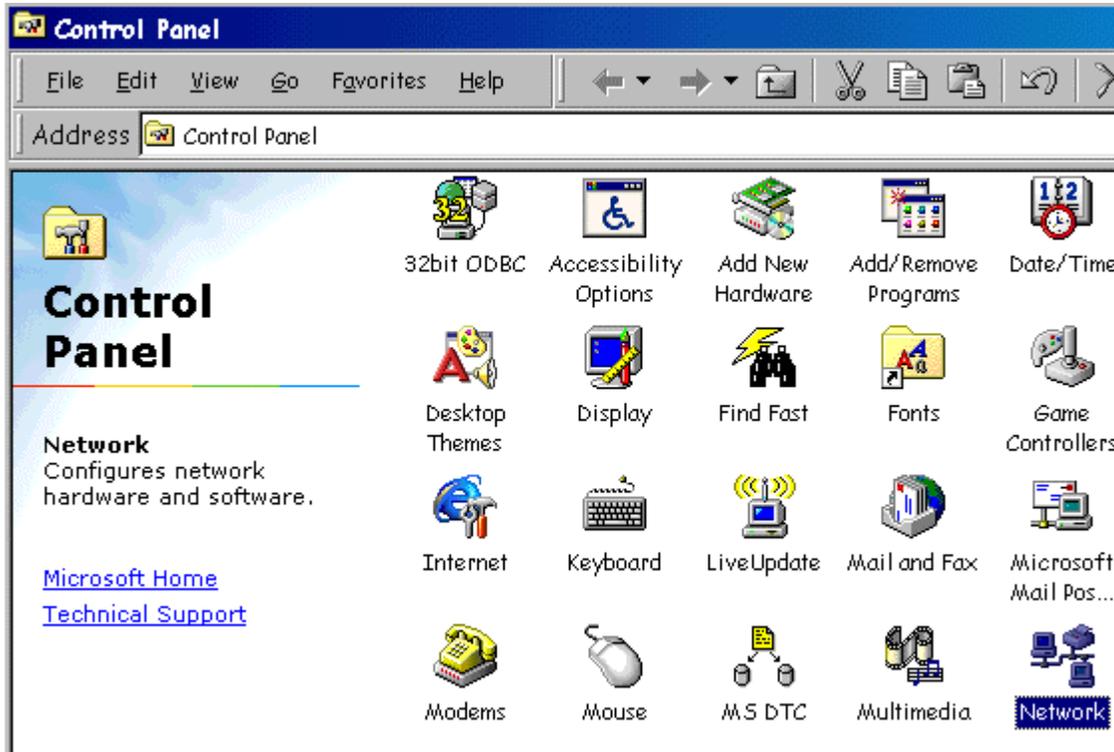
You have now completed configuring your modem. Click **Close** to finish.

In order to dial in to the FCRDC network, you must configure the network components on your computer. If you haven't already, you must Configure Your Modem as described above.

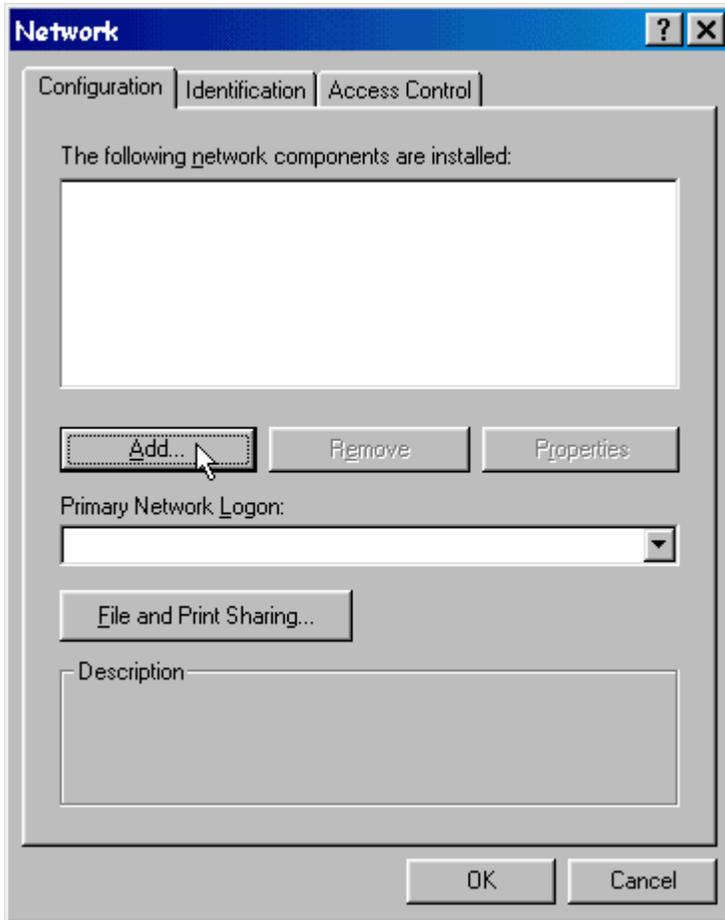


Choose the **Start** button at the lower left hand corner of the desktop.

Scroll to **Settings** and click on **Control Panel**.



Double click on the **Network** icon.

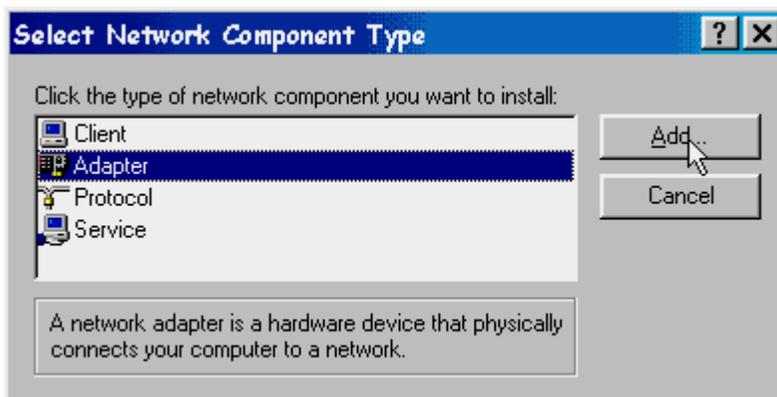


The **Configuration** Tab should appear as shown.

The following network components are installed: (you must have the following)

**Dial-Up Adapter
TCP/IP ->
Dial-Up Adapter**

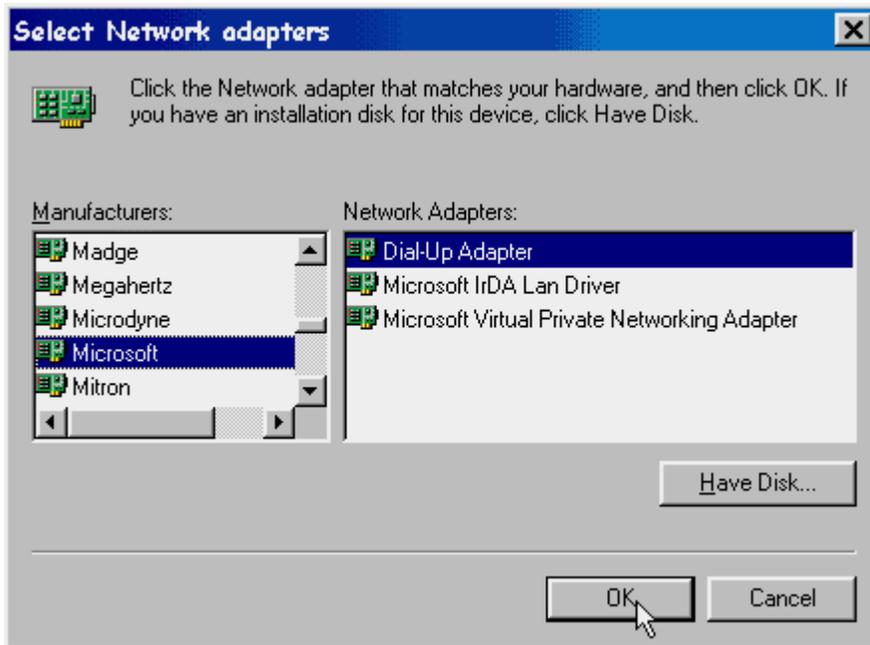
If you do not have the Dial-Up Adapter and/or the TCP/IP->Dial-Up Adapter installed, please follow the following instructions below. If you have these items installed, you may skip these steps and resume at the indicated point below.



To install the Dial-Up Adapter:

Click **Add**.

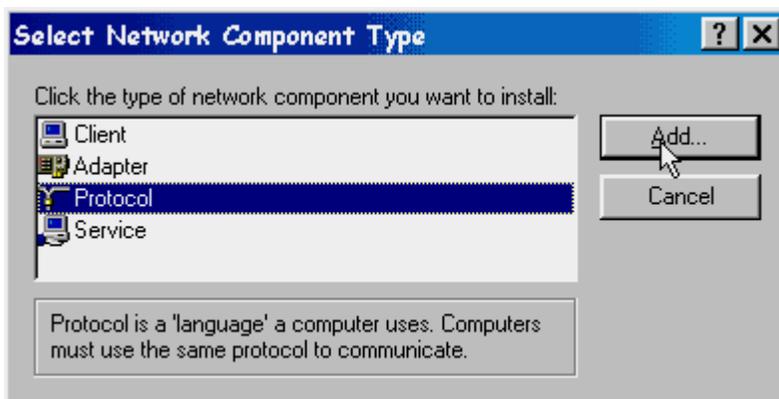
From the list of options, highlight **Adapter** and click **Add** again.



In the left window choose **Microsoft**.

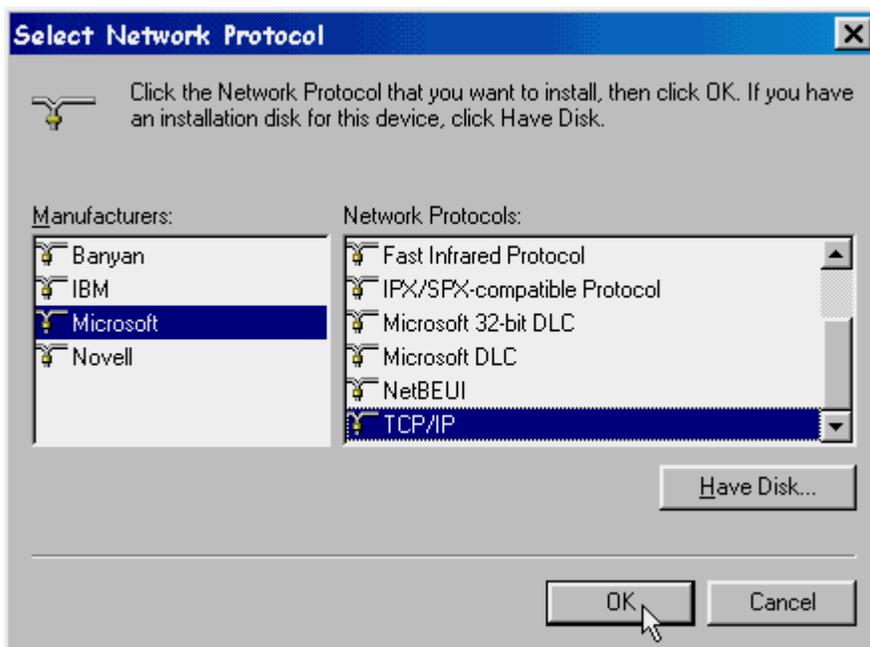
In the right window choose **Dial-Up Adapter**.

Click **OK** to finish.



Click **Add**.

From the list of options, highlight **Protocol** and click **Add** again.

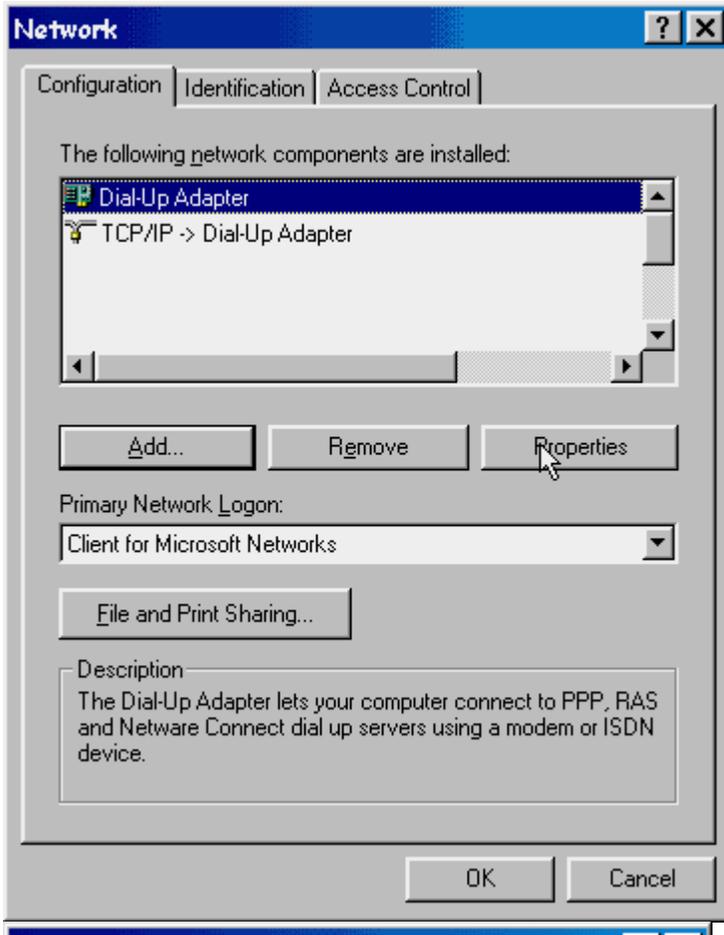


In the left window choose **Microsoft**.

In the right window choose **TCP/IP**.

Click **OK** to finish.

If you already had both the Dial-up Adapter and TCP/IP->Dial-up Adapter installed and have skipped the installation steps, resume the configuration instructions at this point.

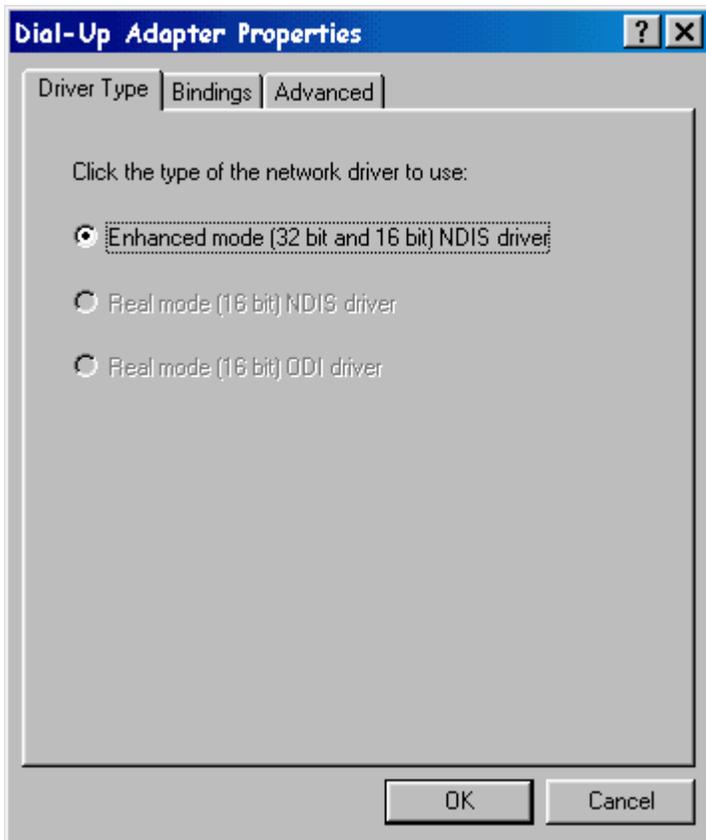


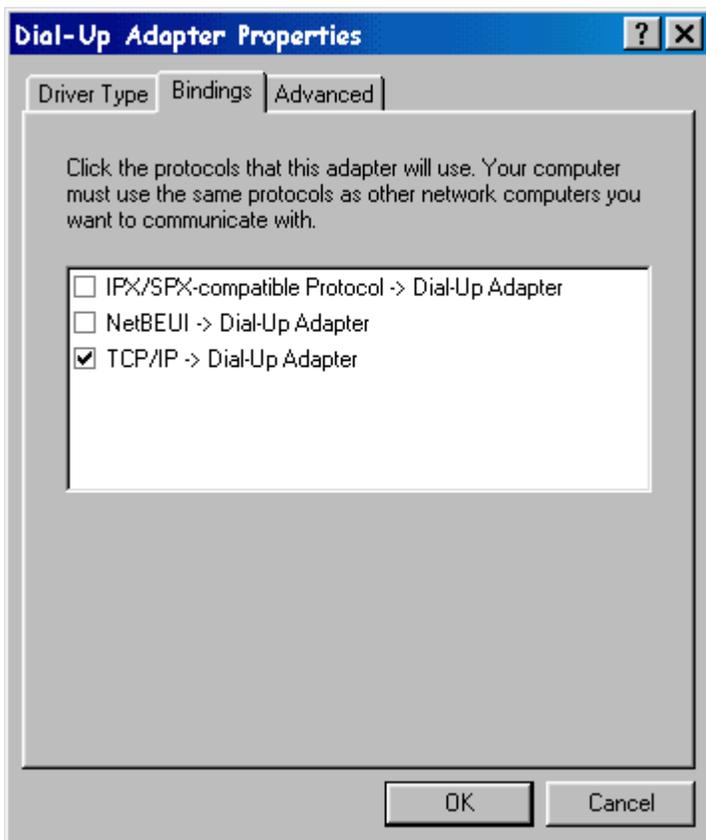
Dial-Up Adapter

To adjust the settings, click on **Dial-up Adapter** and then click **Properties**.

The **Driver Type** Tab should appear as shown.

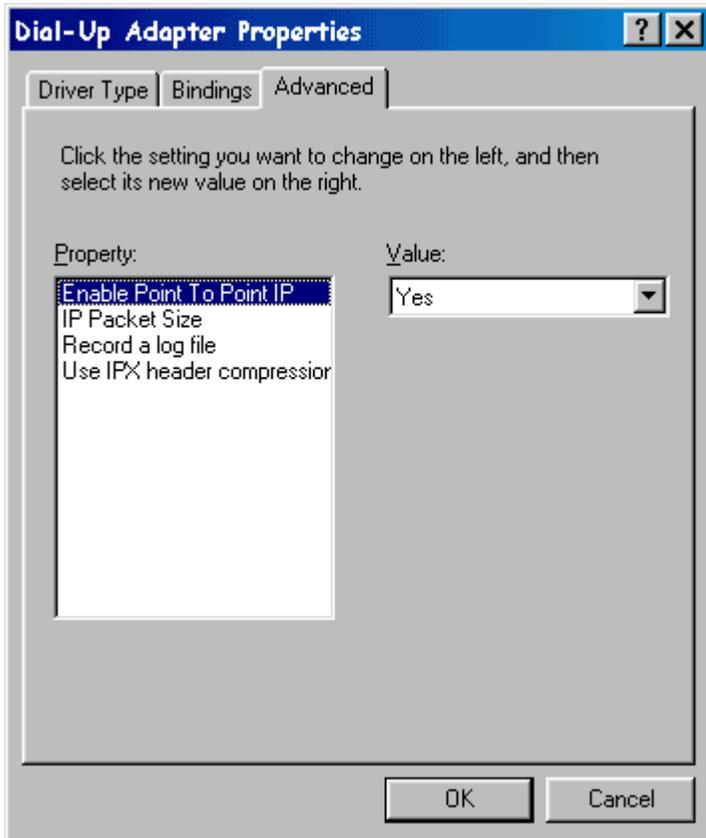
Select **Enhanced Mode**.





Click the **Bindings** Tab. It should appear as shown to the left.

Select **TCP/IP -> Dial-Up Adapter**.



Click the **Advanced** tab. It should appear as shown.

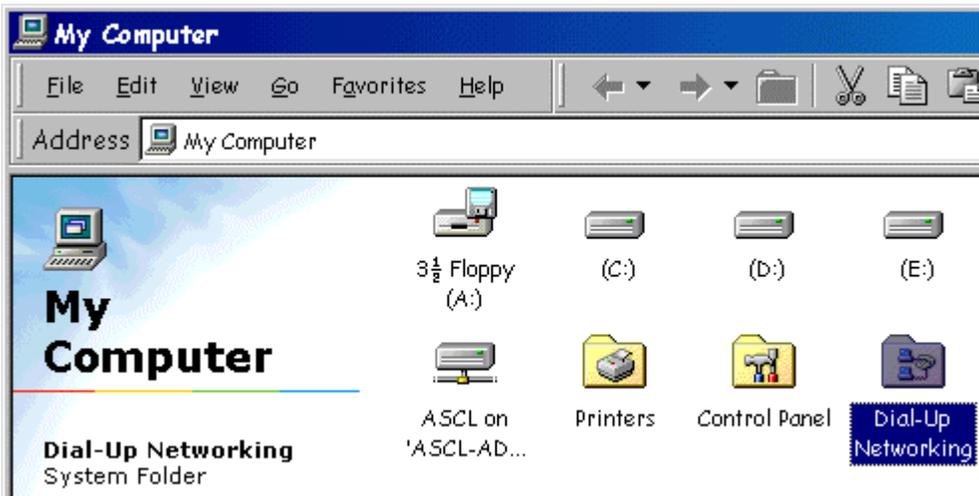
Property: **Record a log file**
Value: **No**

Property: **Use IPX header compression**
Value: **Yes**

You have completed the settings. Click **OK**.



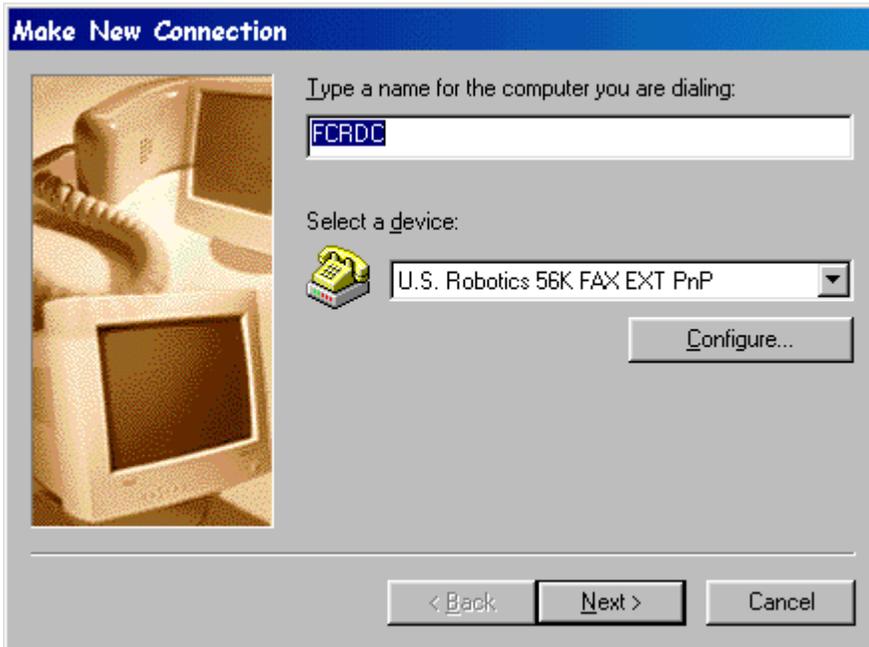
Double click on the **My Computer** icon on the Desktop.



Double click on the **Dial-up Networking** icon.



To make a connection to NCI-Frederick, double click on **Make New Connection**.



Type a name for the computer you are dialing: **NCI-Frederick**

Select a device: select the modem that you have configured.

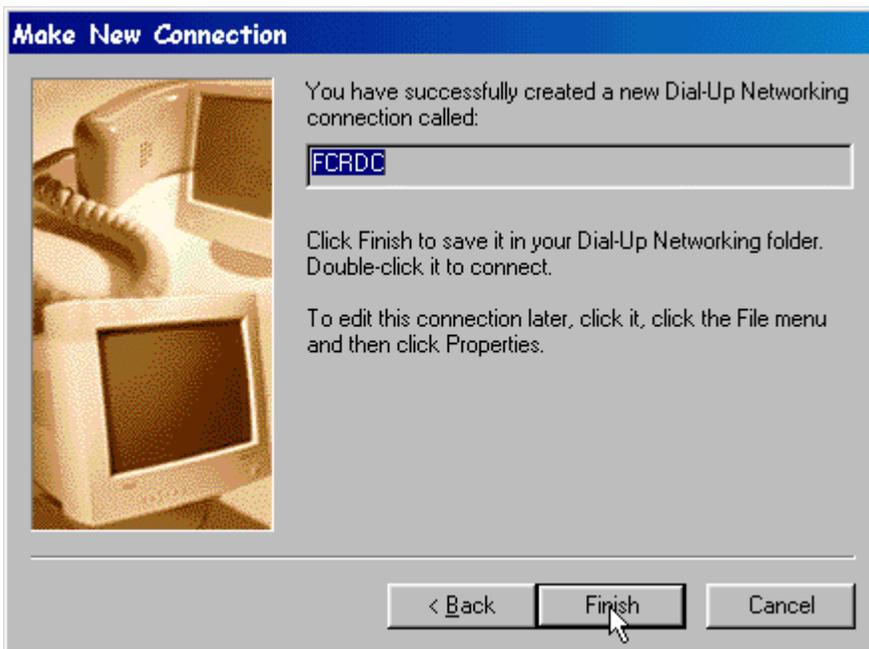
NOTE: You do not need to choose the **Configure** button under the modem selection box. That information was added when you configured your modem.

Click **Next**.



Type in your dial-up phone number. Dialup phone numbers are listed at the end of this guide.

Click **Next**.

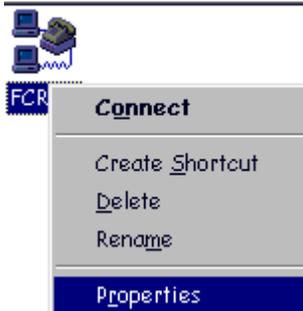


The new connection has now been created.

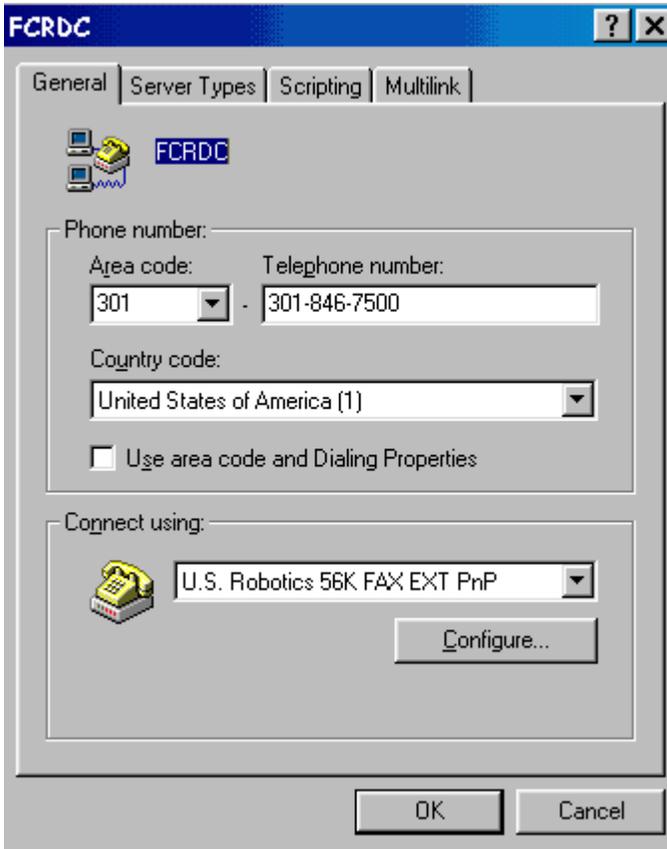
Click **Finish**.



Right click on the **NCI-Frederick** icon.



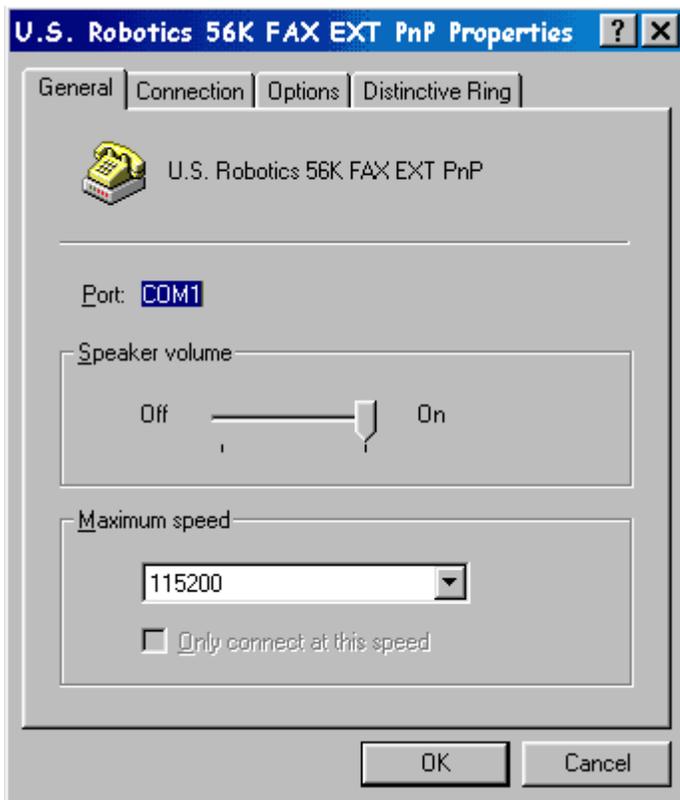
Scroll down to **Properties**.



You will see the **General Tab**.

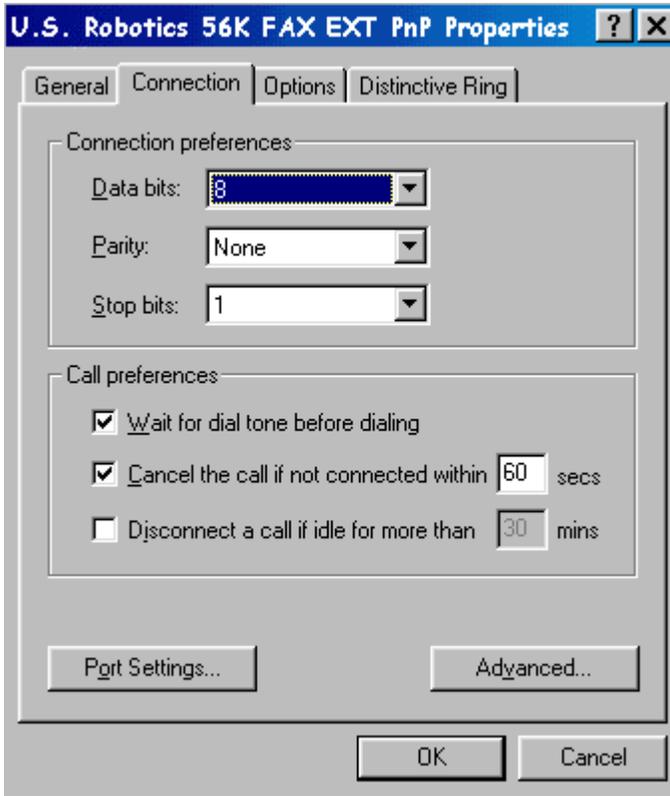
Under the **General Tab**, deselect **Use area code and dialing properties**.

Click on the **Configure...** button at the bottom of the **General Tab**.



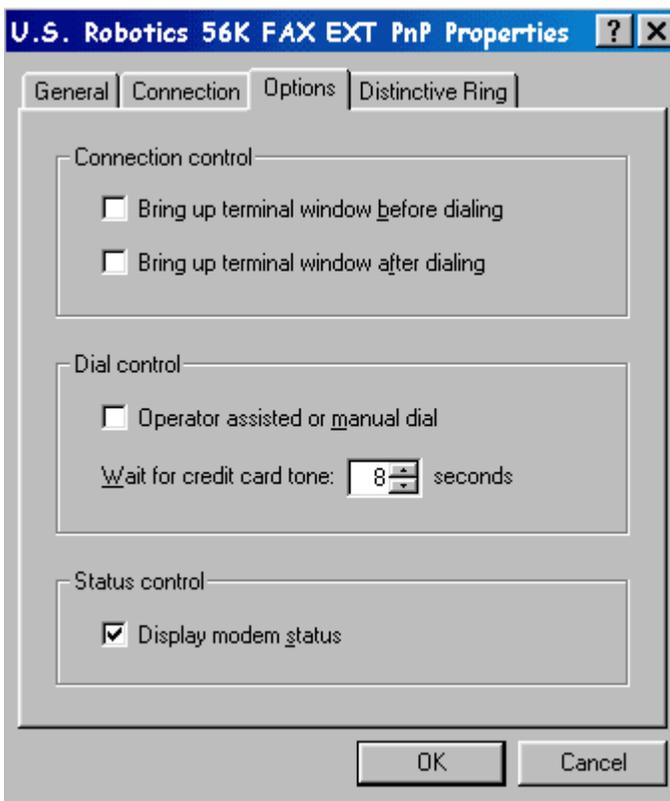
Click the **General Tab**.

The information under the **General Tab** should have been configured when you set up your modem.



Click the **Connection** Tab.

The information under the **Connection** Tab should have been configured when you set up your modem.



Click the **Options** Tab.

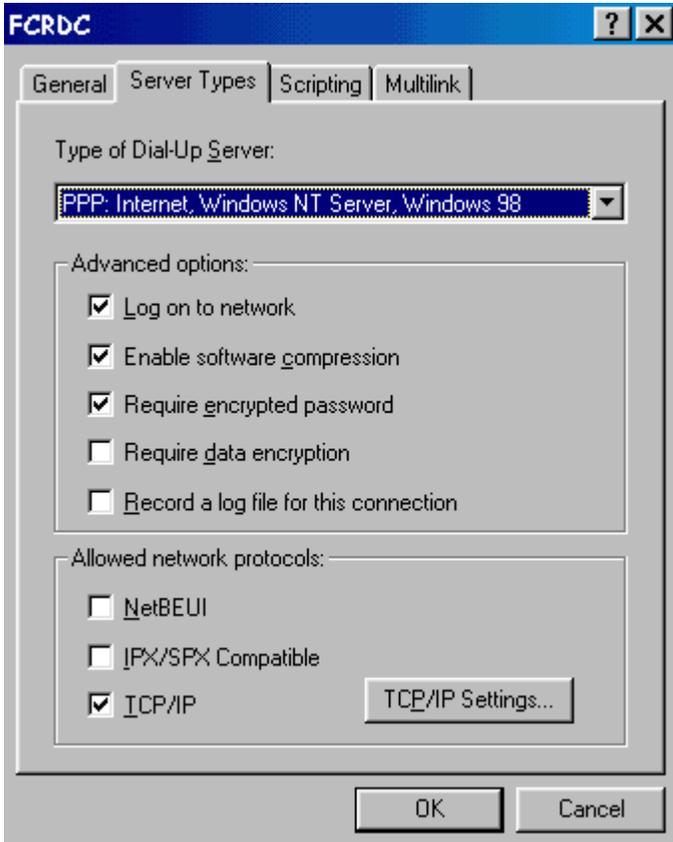
Bring up terminal window before dialing: should be deselected

Bring up terminal window after dialing: should be deselected

Operator assisted or manual dial: should be deselected

Display modem status: should be selected

Click **OK**.



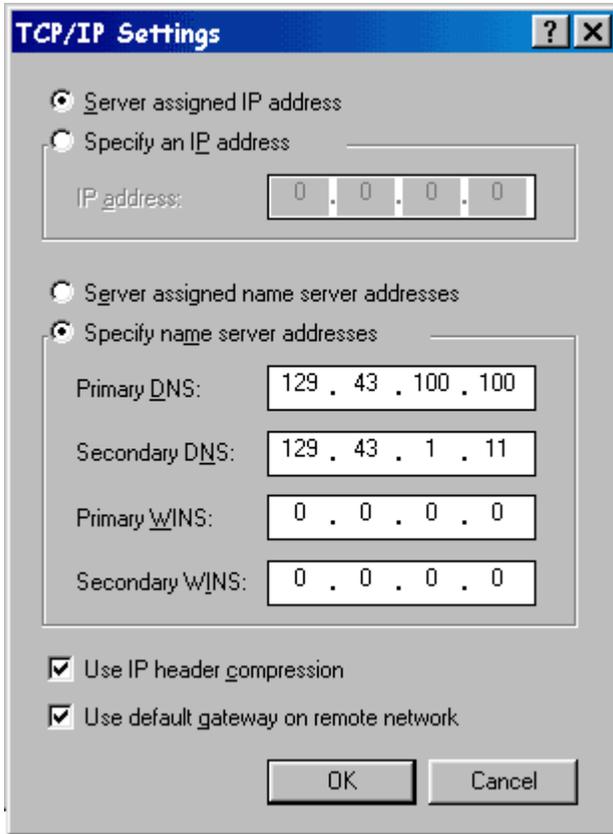
Click on the **Server Types Tab** at the top of the window.

Type of Dial-up Server: choose **PPP: Internet, Windows NT Server, Windows 98**

Advanced Options: select **Log on to network, Enable software compression, and Require encrypted password**

Allowed Network Protocols: select **TCP/IP**

Click **TCP/IP Settings** at the bottom of the window.



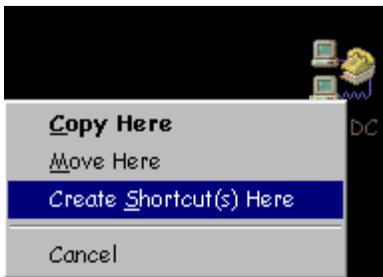
Choose **Server assigned IP address**

Choose **Specify name server addresses**: Type **129.43.100.100** for Primary DNS and **129.43.1.11** for Secondary DNS. Leave the Primary WINS and Secondary WINS boxes blank.

Use IP header compression: should be selected

Use default gateway on remote network: should be selected

Click **OK**.
Click **OK** again.



Hold down the right mouse button on the **NCI-Frederick** icon and drag it to the desktop. Let go of the mouse button. A window will come up.



Click on **Create Shortcut Here**.

Now the **NCI-Frederick** icon will be on your desktop when you start up your computer.

You have completed configuring your computer for Dial-up Networking.

Close the **Dial-Up Networking** window.
Close the **My Computer** window.



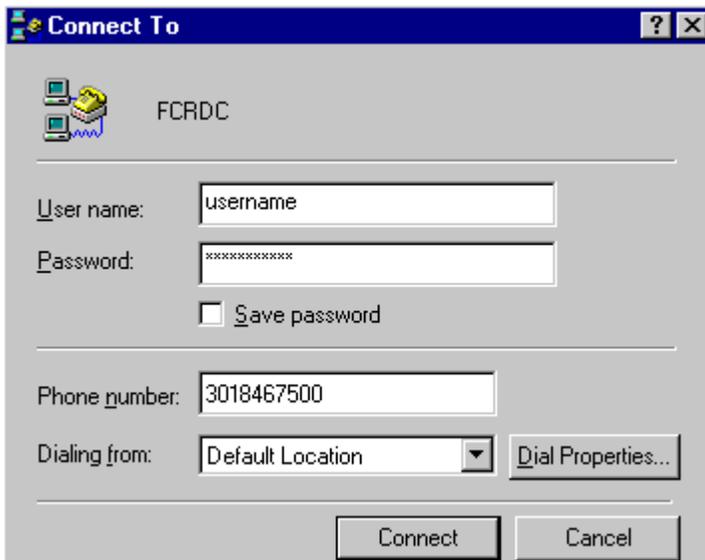
Click the **Start** button at the bottom left hand corner of the desktop and scroll to **Shut Down...**

Select **Restart the Computer** and then click **Yes**.

After restarting the computer, you should see the NCI-Frederick icon. By double clicking on the icon, you can now connect to the NCI-Frederick Network.

Connecting to the NCI-Frederick Network

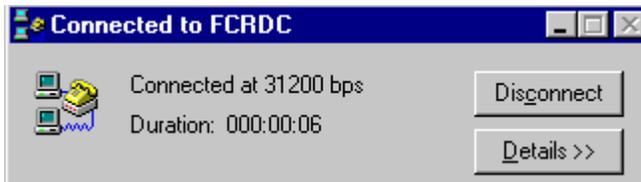
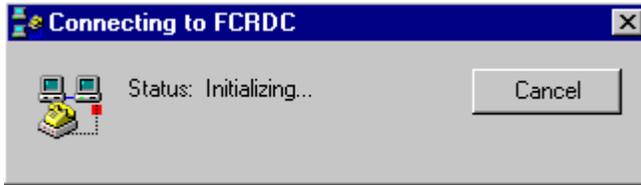
Double click on the **NCI-Frederick** icon on your desktop.



In the **Connect To** window enter your network *Username* and *Password*. Click **Connect**.

You should see the connection process (as pictured below).





Minimize this window by clicking at its top right corner.

You should now be able to run your computer's Internet programs (Eudora, Netscape, etc.)

Disconnecting

Close all of your network and Internet applications.

On the Taskbar at the bottom of the desktop, click on the **Connected to NCI-Frederick** icon.



Click **Disconnect**.

NCI-Frederick Dial-Up Connection Access Numbers

Consult the following table to obtain the local and long distance numbers you need to dial in to the NCI-Frederick network for PPP access.

NCI-Frederick Dial-up Users		
Calling area:	Dial this number:	Use this Username/Password:
Local	301-846-7500	Your NCI-Frederick Dial-up Account
Long Distance	1-888-NCI-FCRC (1-888-624-3272) toll free - Continental U.S.A. only	Your NCI-Frederick Dial-up Account

NOTE: You may use these numbers for any speed modem.

IMPORTANT: Your dial-up username and password are not the same as on other systems at NCI-Frederick or ABCC. For more information, please see How to Get Dial-up Access at <http://comm.ncifcrf.gov>.