

Loop-back Test Procedure for checking your Serial ports and/or USB - Serial Converter using HyperTerminal.

These instructions are for Win XP.

- 1. If you have a USB - Serial Converter, plug it in. You should check Device Manager to see if it is there first. Then proceed.**
- 2. Go to Start - Programs - Accessories - Communications - HyperTerminal. In the box that comes up, type in a name, any name, like TEST. Click OK**
- 3. In the Connect To window, at the bottom next to Connect Using: use the drop down menu to select the serial port you want to check – ie. COM 1. Make sure your modem is not selected! All the rest of your options on this screen will go away. Click OK**
- 4. In the Com 1 Properties window, in the Flow Control drop down, Select NONE. Click OK.**
- 5. You will now have a blank HyperTerminal screen. Click on File - Properties. Select the Setting Tab and at the bottom click on ASCII setup. Check the box next to Echo Typed Characters Locally. Click OK and OK again.**
- 6. Now comes the tough part. You will need to jump pin #2 to #3 on your Male Serial Connector. The best way to do this is with a short wire with small alligator clips on each end. If you are good, you can do it with a paper clip or even a metal pen like a Cross Pen. Don't jump to any other pins! (If you look at your serial connector, there are 5 pins on top and 4 pins on the bottom, pins 1 - 5 are on the top and pins 6-9 are on the bottom. The pin orientation should read left to right as follows:**

1 1 2---3 4 5
6 7 8 9

Pins 2-3 jumped. The pins are usually numbered on the plastic connector core that surrounds the pins.

- 7. With this accomplished, possibly with the help of a friend, start typing on your keyboard. Anything, numbers or letters.**

Instructions courtesy of Dirk Gouwens, NYSEF