Loop-back Test Procedure to check Serial port and/or USB to Serial Converter operation using HyperTerminal.

These instructions are for most Windows Operating Systems.

1. If you have a USB to Serial Converter, plug it in and install the correct drivers as needed. You should check Device Manager to make sure the Com Port is listed there first. Then proceed.

2. Go to Start - Programs - Accessories - Communications - HyperTerminal. In the box that comes up, type in a name such as 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 – i.e. Direct to COM 3. 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 3 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. A loop back tester basically connects pin two to pin three on the 9 pin connector. Place this on you serial cable or USB to serial Adapter.

7. With this accomplished, start typing on your keyboard. Anything that you type, numbers or letters will be doubled in the HyperTerminal window. If you type D123wcb, you should see this DD112233wwccbb on your computer screen.. This tells you that your serial port and or serial adapter is installed and working correctly.