***OS-6 Data Output Instructions***



**Power Supply**

**OS-6 board**

**OS-6 data cable**

**USB to Serial cable**

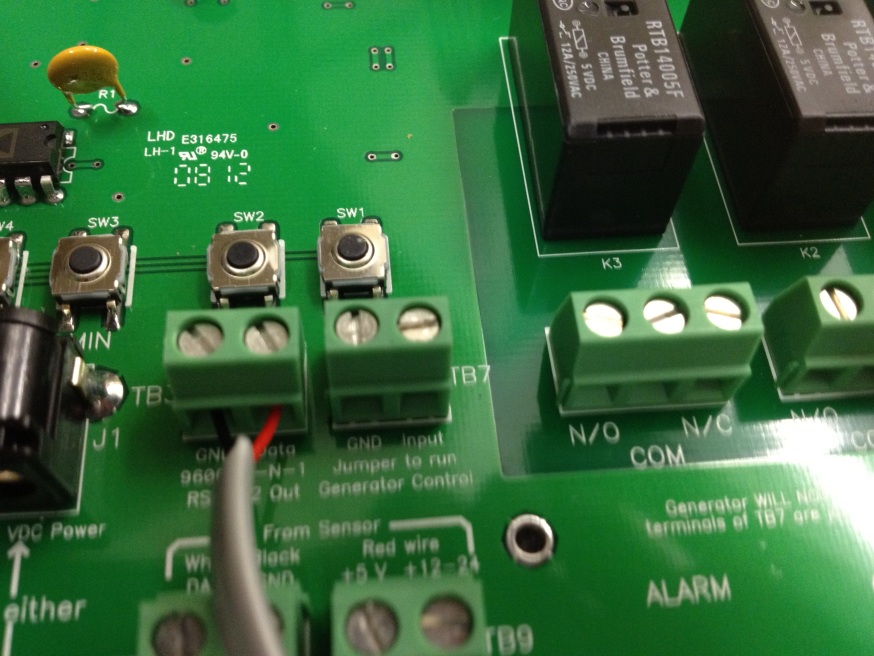
**Figure 1.** Components

Data Collection Procedure

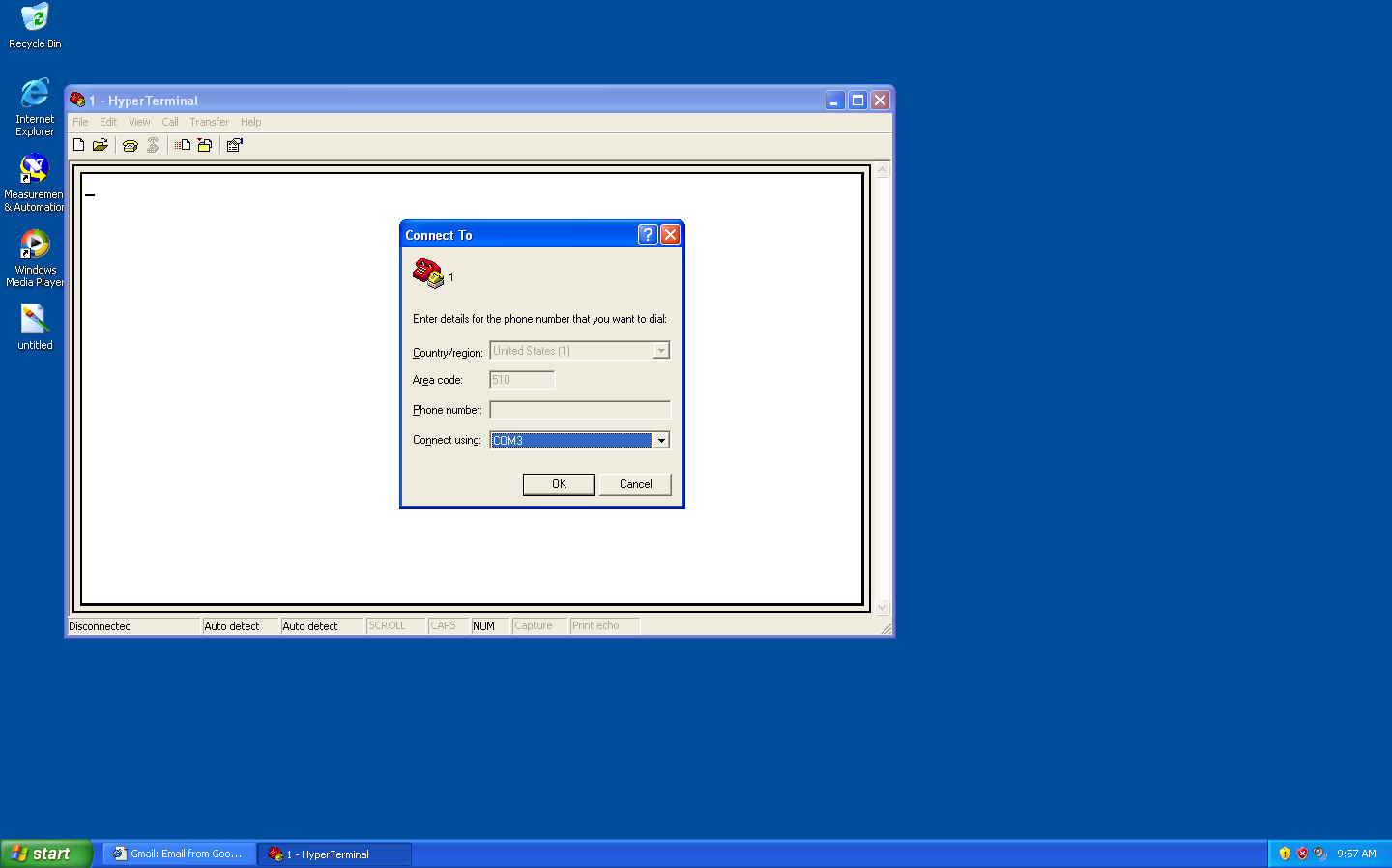
1. Connect power supply to OS-6, plug power in
2. Connect ground and data wire from data cable to TB3 connector on OS-6. Ground is black wire and data is red wire (shown in Figure 2)
3. Connect the female DB9 connector on data cable to USB-to-Serial cable
4. Connect USB cable to PC
5. Install Hyperterminal (htpe63.exe)
6. Once installed, open Hyperterminal and type in any name (ex: OS-6)
7. Connect to the COM port which the USB-to-Serial cable is plugged into (shown in figure 3)
8. Select “restore defaults” (9600, 8, none, 1, off) for COM settings and press “OK”.

(Shown in figure 4)

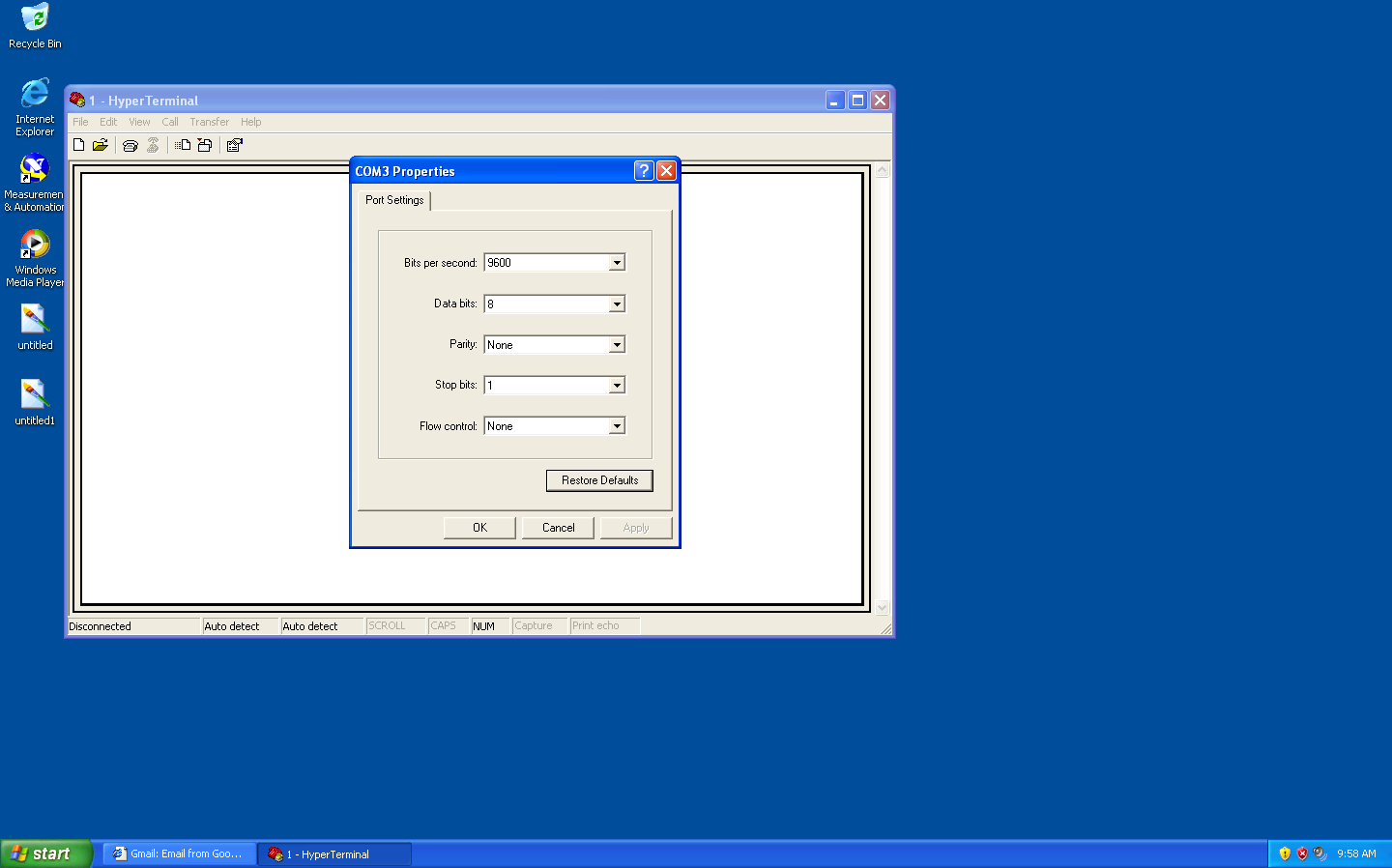
1. Output data should be displayed on screen (shown in figure 5)



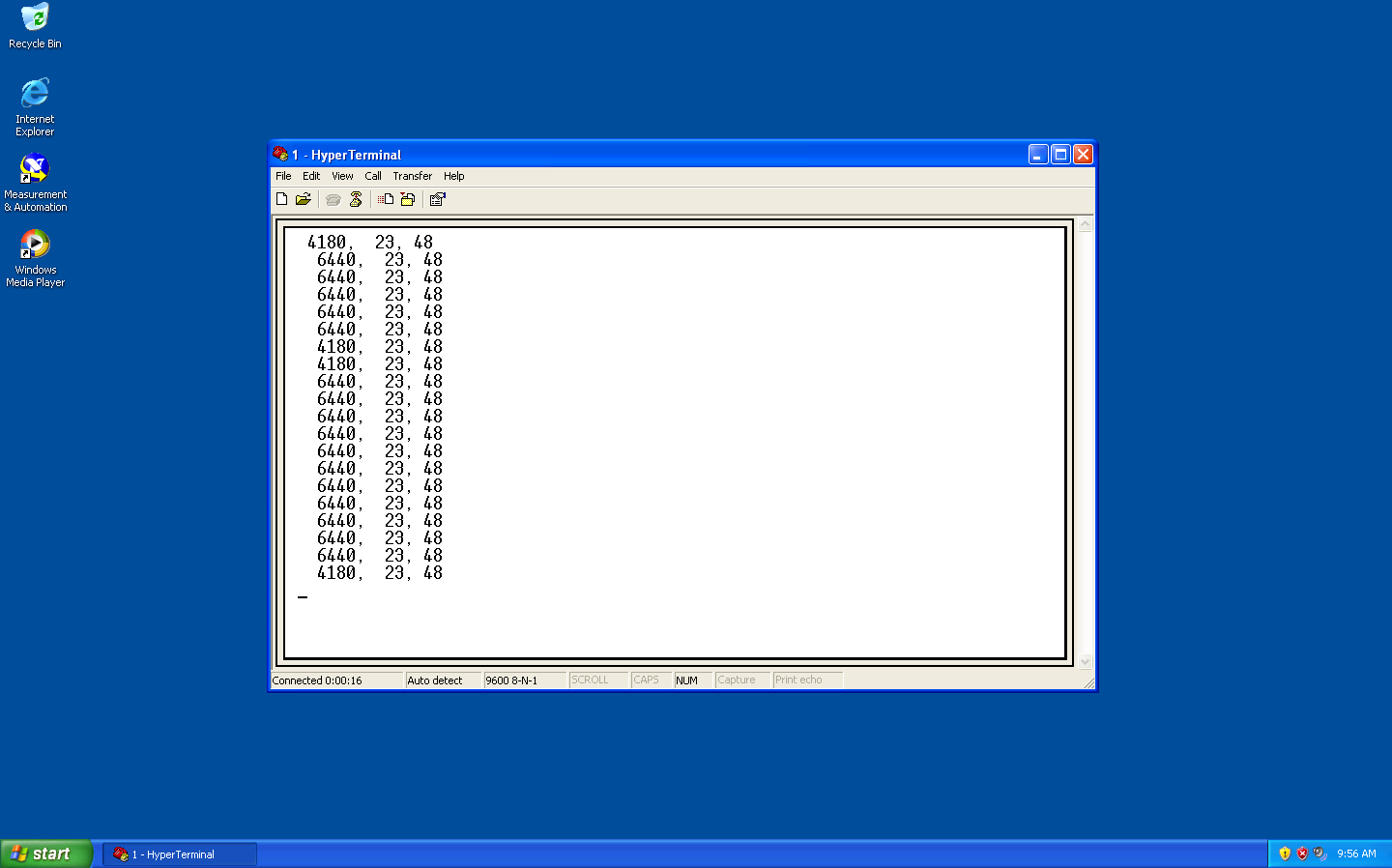
**Figure 2.** Data and ground wires connected to TB3 on OS-6



**Figure 3.** Configuration of COM port



**Figure 4.** Configuration of COM port settings



**Figure 5.** Display of output data