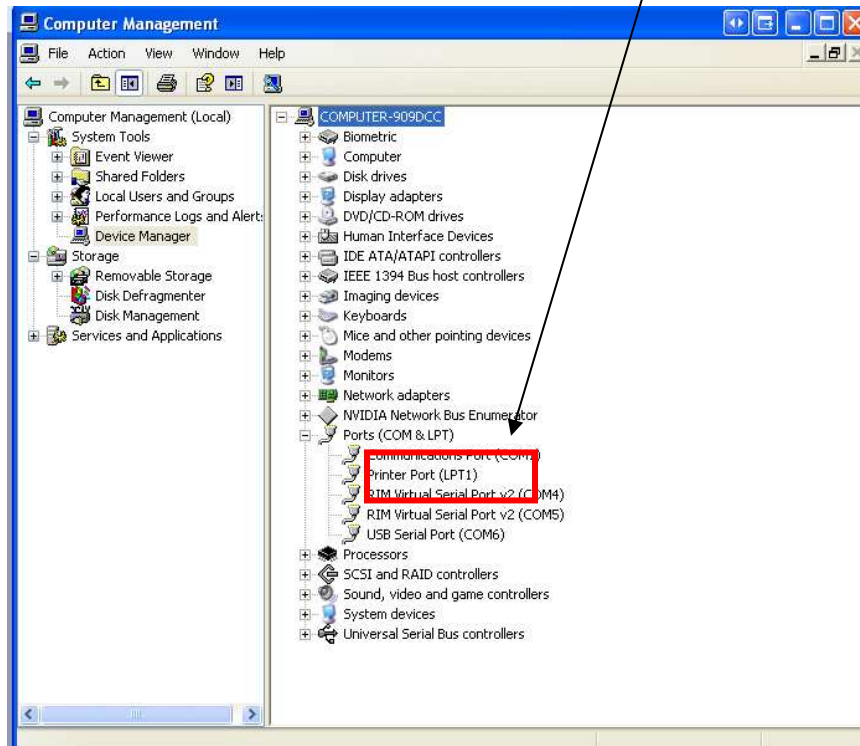
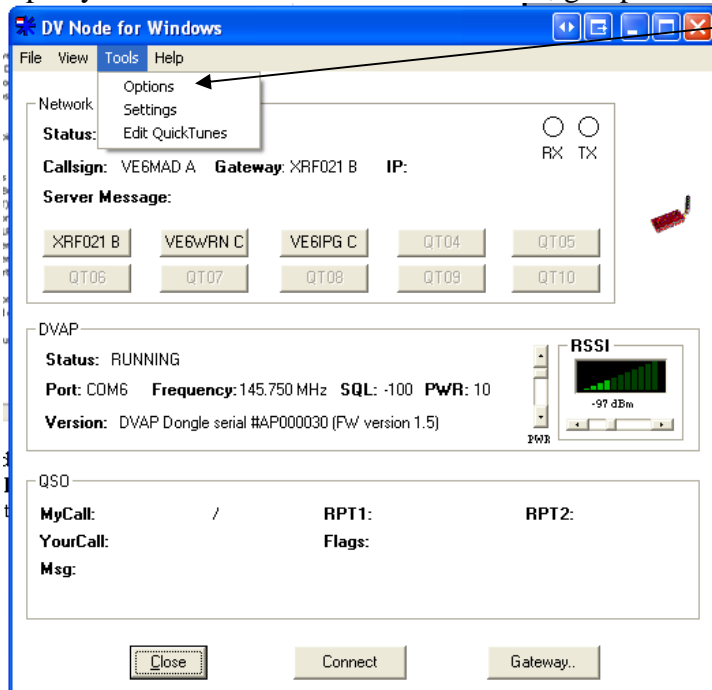


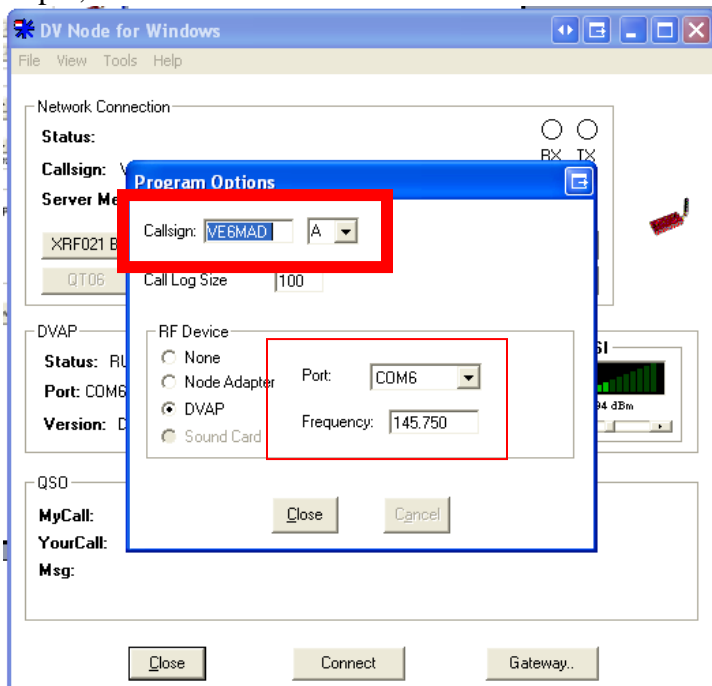
1. Download the WinDV software from the Dutch Star site and unzip it into a folder of your choice.
2. Once unzipped, you should open the dxhosts.txt file in the folder where you unzipped the software. This file contains a listing of XRF reflectors. Feel free to add any new reflectors, FREE STAR* systems, etc. Please replace the IP address for XRF021 with its host name: va3uv.ve6pte.ca)
3. Hook up the DVAP to your PC and find out what the COM port is by going into the Device Manager (Right Click My Computer > Manage > Device Manager on left). Expand the Ports section and find the **USB Serial Port**.



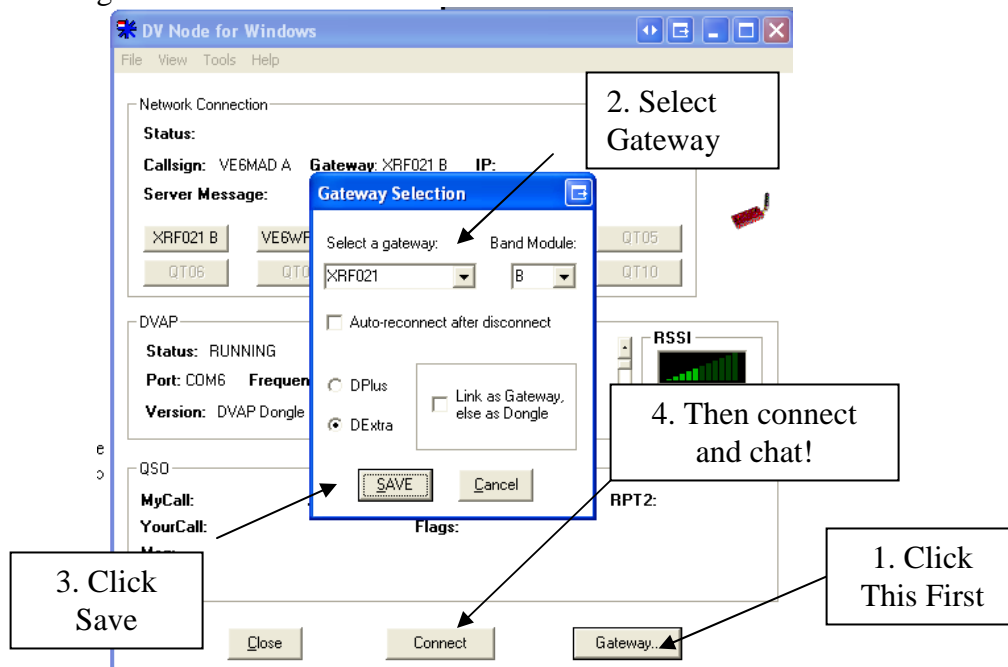
4. Open your WinDV Software. Once loaded, go up to tools, then **Options**.



5. Fill in your callsign in the field. **Make sure to fill in the 8TH character in the field with a “terminal”** (My example was A). If that’s left blank, it will not work. Setup your frequency of the DVAP, and select the right COM port from step 3, click close and restart the software.



- To connect to Gateways, click on Gateway, then select where you want to connect to. The radio selectors will automatically jump from DPlus to DExtra, depending on which reflector is selected. Click save, then connect and you should be good to go.



Troubleshooting

Q: The person on the reflector can hear me, but I can't hear them?

A: There is a couple of things to try.

- First make sure you have the "terminal" in the call sign field. Refer to step 5.
- If that's all correct, open up port **30001 UDP** on your router and forward it to the IP address of your PC. To find out how to do that, [click this link](#) to go to the website with all the manuals.

Q: My DVAP won't open/is not recognized by the WinDV software.

A: Make sure you have the right COM port as verified in Step 3.