

## Remote Observing on the GBT (Short Instructions)

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*Once you have done remote observing with VNC under Windows, the instructions below will serve as a reminder of the steps involved.*

### **Start VNC server on titania**

- Start PuTTY, *Host Name* is *stargate.gb.nrao.edu* (*prospero* on site), choose *Open* to open terminal window, log in to Linux account.
- `ssh titania.gbt.nrao.edu`
- `vncserver -geometry 1200x1000 -depth 8` (switches and numeric values may vary)
- Note VNC session number, *n*

### **Set up tunnel**

- Start PuTTY again, *Host Name* is *stargate.gb.nrao.edu* (*prospero* on site)
- *Connection > Data* - Set *Auto-login username* to linux account user name
- *Connection > SSH > Tunnels* - Source port is `590n`, destination is `titania.gbt.nrao.edu:590n`
- Choose *Add*, then *Open* to open the second terminal window, enter linux account password

### **Start VNC viewer on Windows machine**

- First popup window, enter `localhost:n` for Server.
- Second popup window, enter VNC password

### **Closing down VNC session**

- X out of VNC window after closing *astrid*, etc.
- In first PuTTY terminal window (where `vncserver` was started) enter `vncserver -kill :n`
- `exit` out of second PuTTY window.