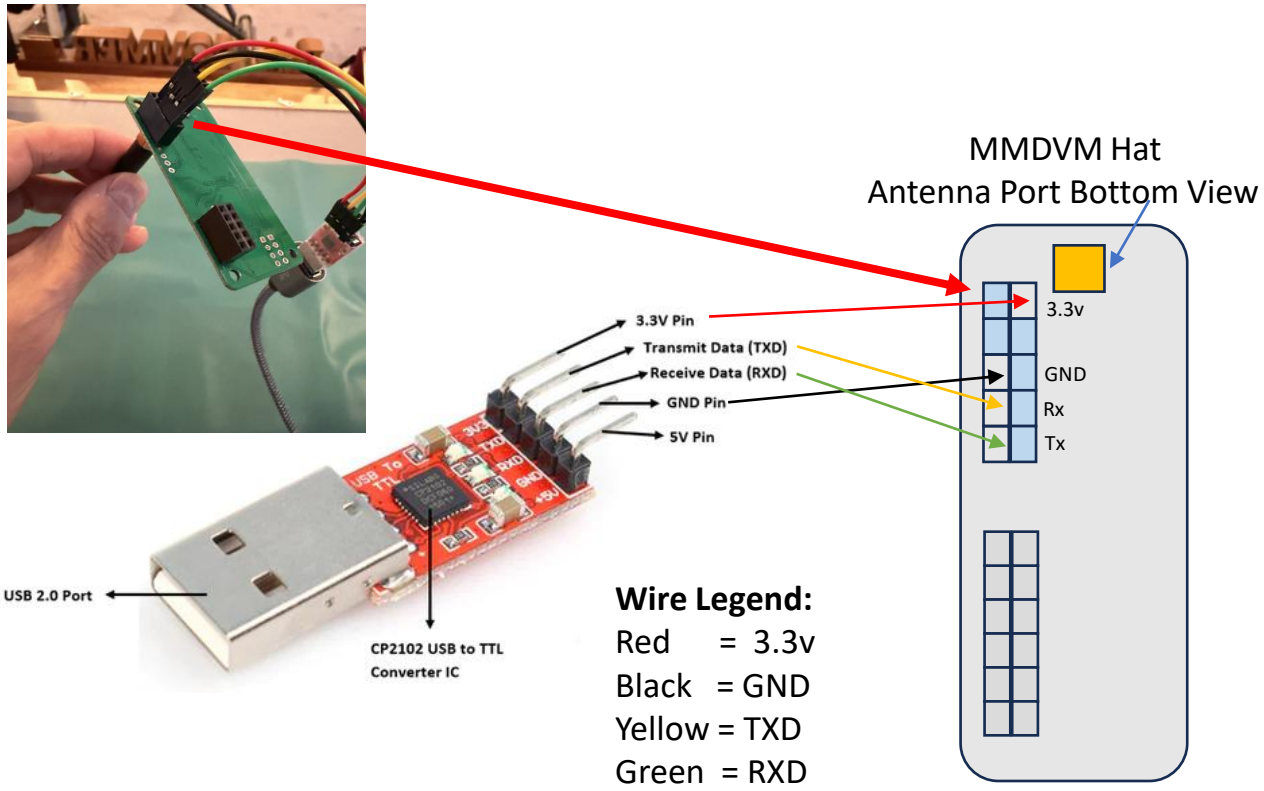
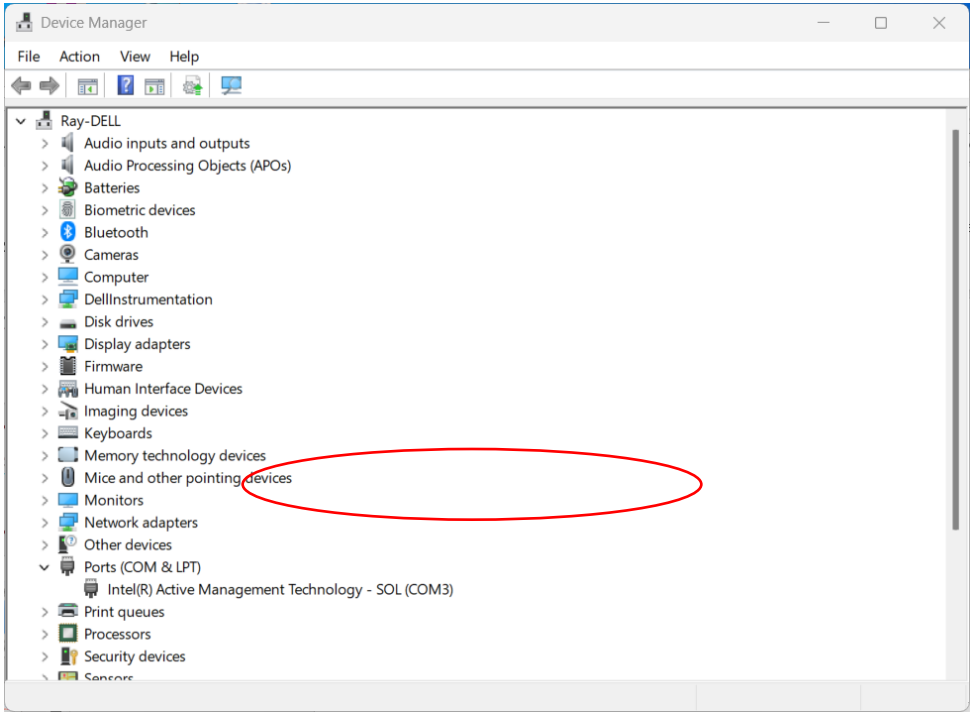
Understanding the USB/MMDVM Pin-Outs



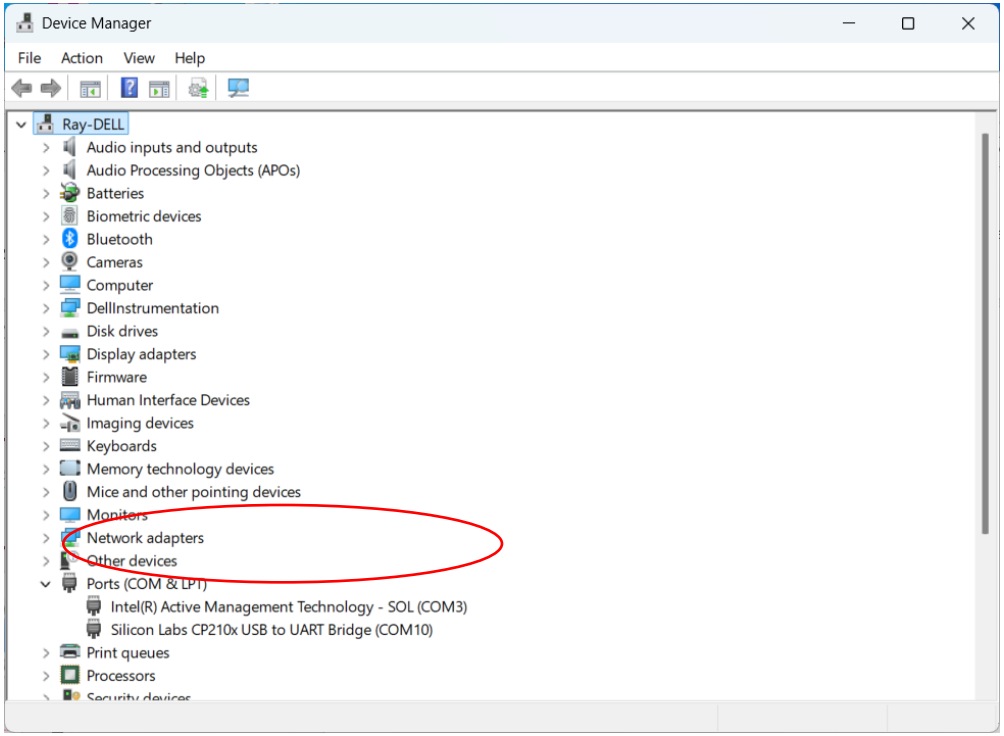
First Step: Open Windows Device Manager

- Before plugging in the USB connection, open Device Manager and scroll down to “Ports (COM & LPT). You should see something like this ……

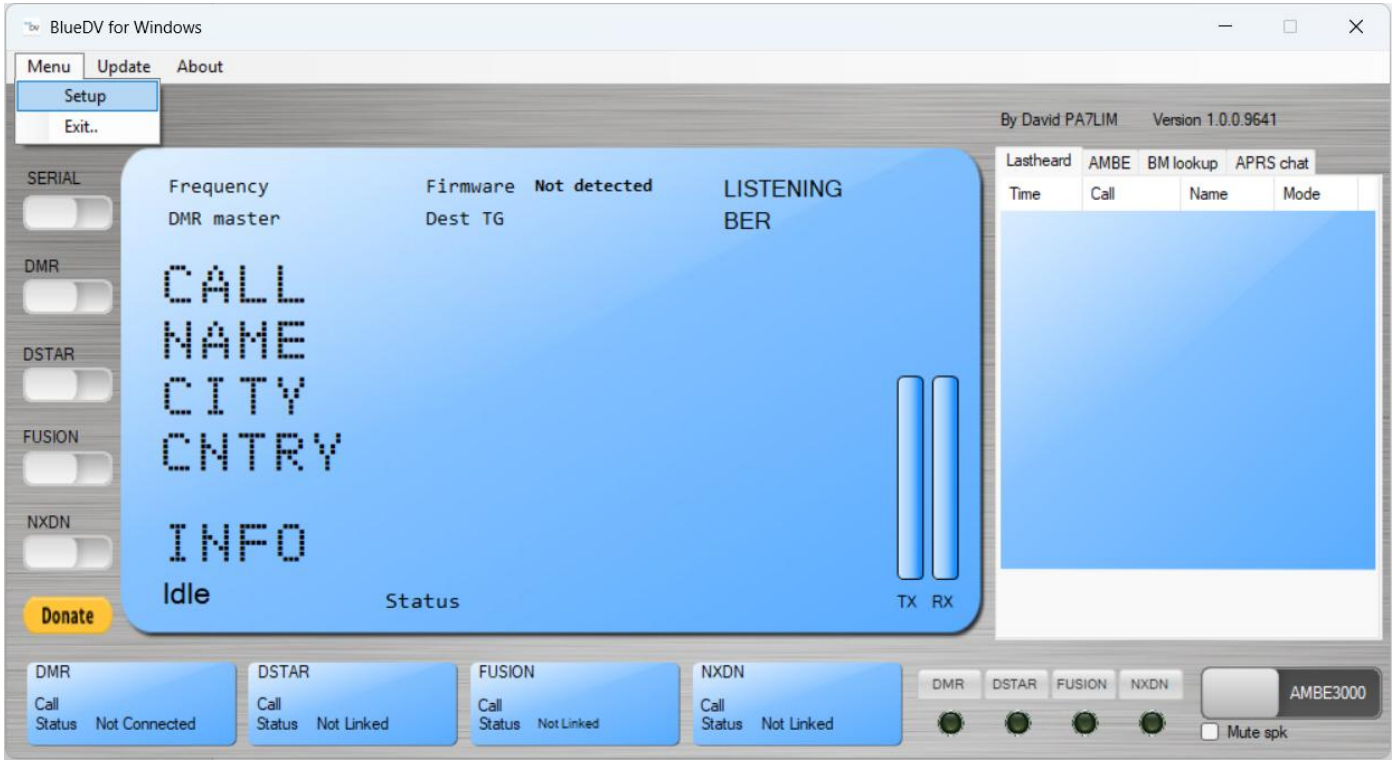


…now plug in your USB Interface board.

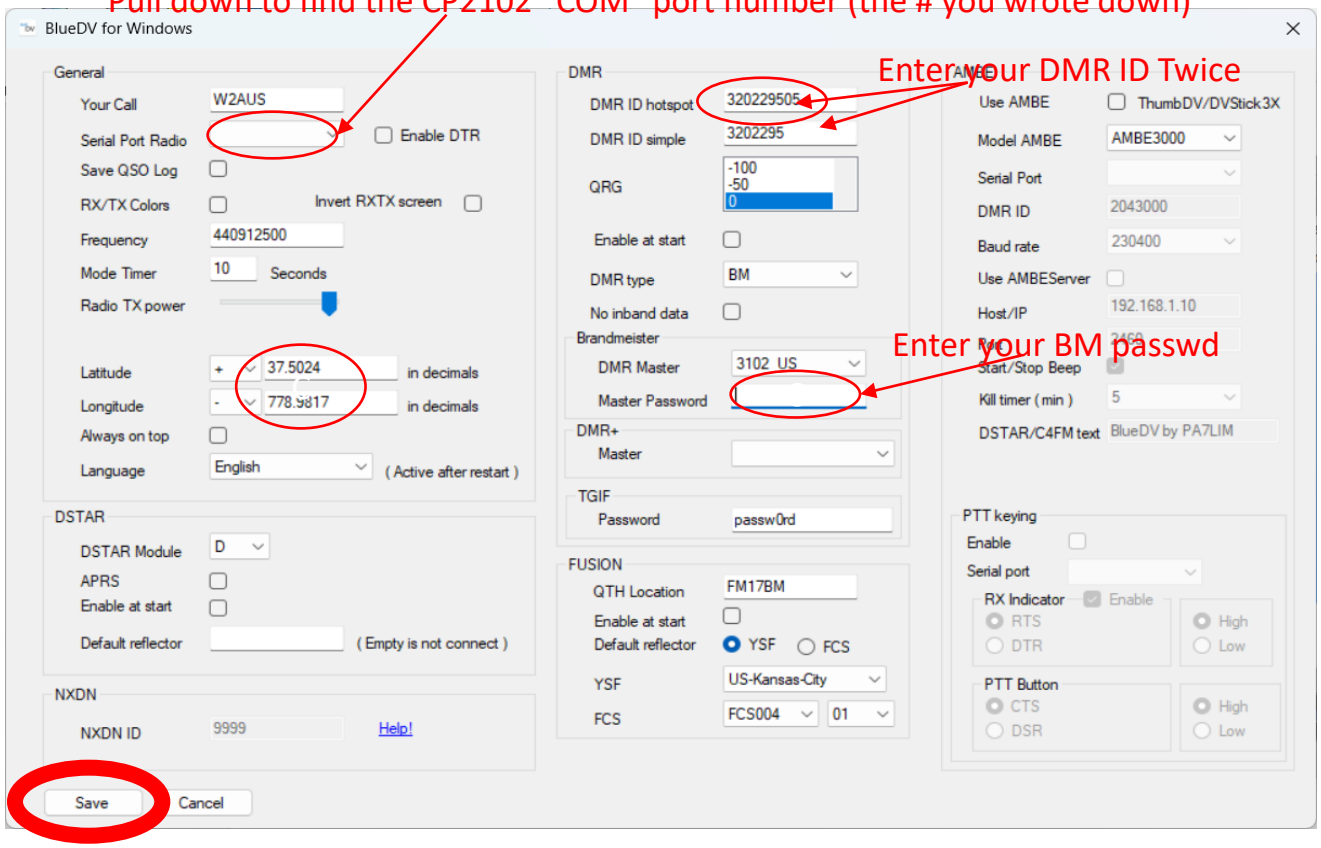
- Now you should see another COM port appear along with hearing a Windows connection tone. **Write down the new COM port #**



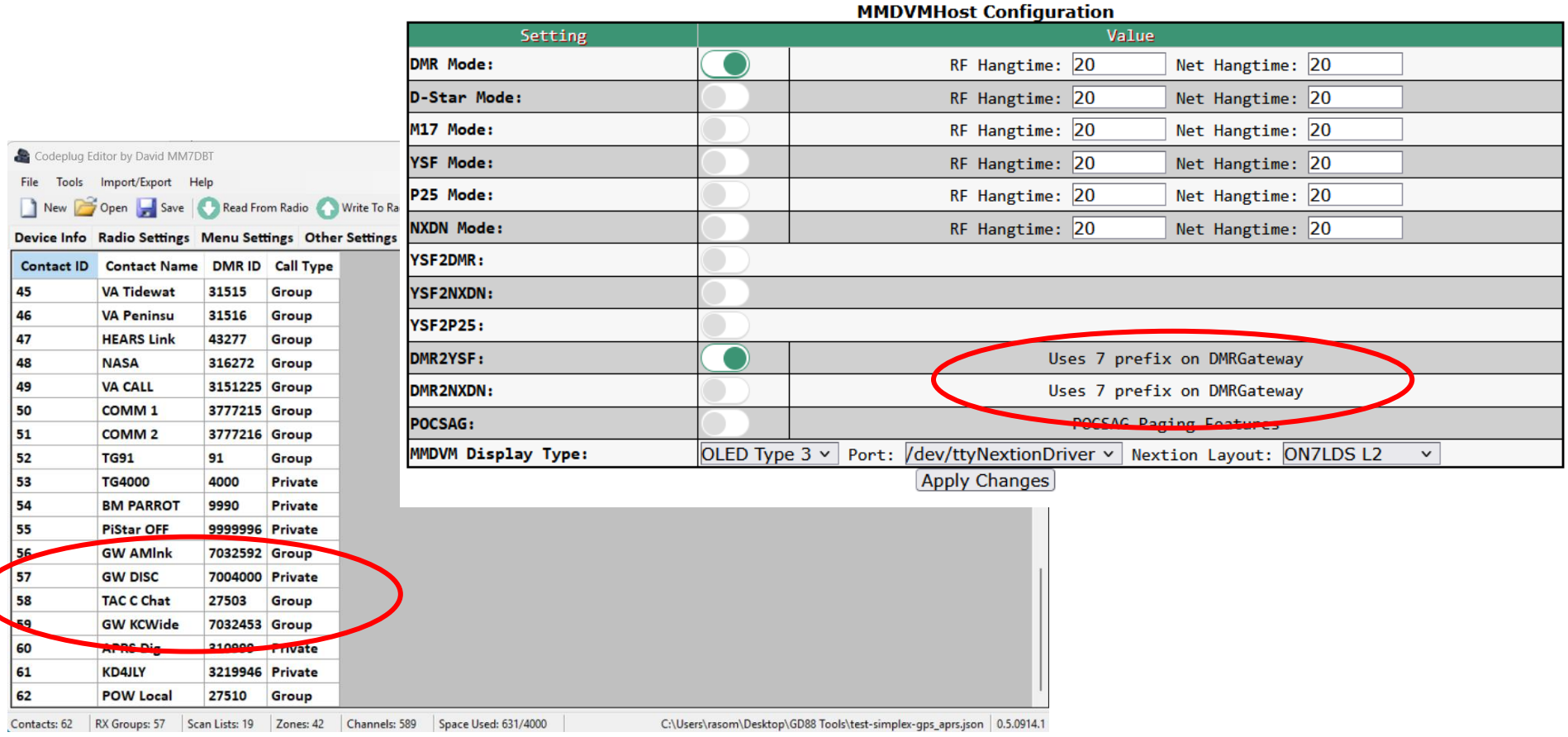
BlueDV Setup Screen



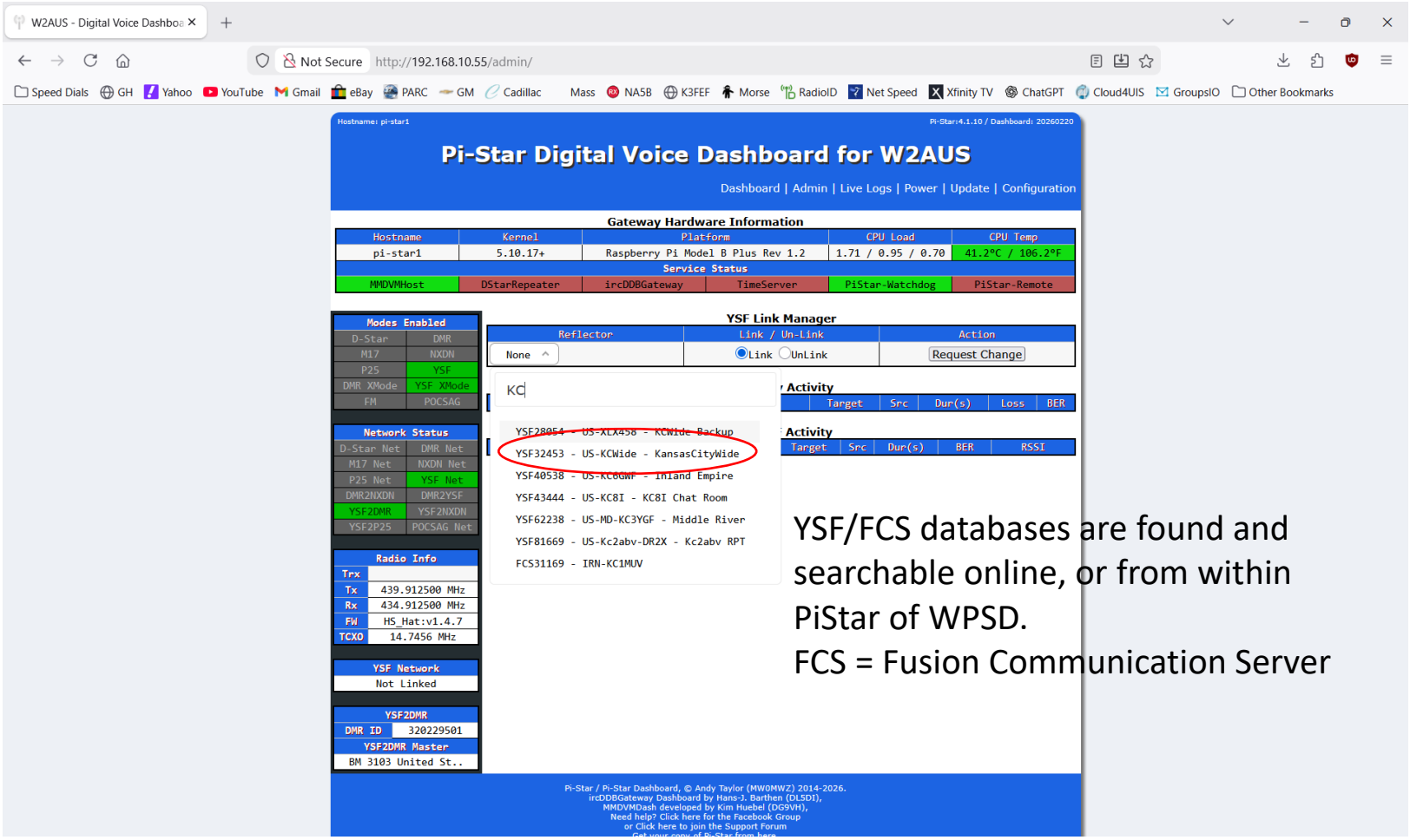
BlueDV Setup Screen



Connecting to YSF via DMR/YSF Gateway



Find the server ID.
Ex: YSF-32453 KC-Wide



YSF/FCS databases are found and searchable online, or from within PiStar of WPSD.

FCS = Fusion Communication Server

Difference between access points

What is a YSF Reflector

- YSF (Yaesu System Fusion) reflectors are:
- Decentralized — anyone can host one on their own server.
- Individually named — e.g., YSF32453 US-KCWide.
- Open-source based — built on G4KLX's YSFReflector software.
- Used by hotspots and MMDVM repeaters (Pi-Star, OpenSpot, etc.).
- Not part of Yaesu's WIRES-X network — no direct WIRES-X access without a bridge.

What is a FCS Reflector

- FCS reflectors are:
- Centrally hosted — only a few FCS servers exist (FCS001, FCS002, etc.).
- Structured into 99 modules per server — e.g., FCS00390 (server 003, module 90).
- Originally created for DV4* hardware, later opened to other hotspot software.

*** Early German effort to interconnect multiple digital networks**

- Also not part of WIRES-X — hotspot-only access.
- FCS is more "organized" and uniform than YSF, but less flexible.