



## **D-Star National System is online with connections throughout the country.**

Special thanks to Tony ZL2EZ (software and hardware) and Phil ZL2RO (administration) for putting the new National System together.

Check out the web site and dashboard here: <http://626.nz/db/> and here: <http://626.nz>

### **“Homebrew” Hotspot and Gateway Repeater active watch - UPDATES:**

**ZL3TJH** Cashmere Hills hotspot is back on air.

<http://zl3tjh.ddns.net:83>

XFCE OS and VK4TUX special DVRPTR-V1 image running on the old RPiB.

**ZL2AUS** high power TM8105 144.560 MHz Levin is on air running a PiStar.

<http://zl2aus.ddns.net>

### **Host File update:**

DV4mini users please add IP or DDNS address to xrf.ip file and restart DV4mini.

**The latest host files can be downloaded from here:**

<http://zl2vh.org.nz/assets/d-star-hosts/>

facebook page called ZL DSTAR <https://www.facebook.com/groups/184445028555391/>

### **D-Star Nets to join**

<http://www.dstarinfo.com/nets.aspx>

### **Kiwi-D-Star Net on XLX626 A**

Every second Tuesday night at 19:00. Contact phil ZL2RO for more details and check web site “Net page” here:

<http://626.nz/net>

### **D-Star round table net**

Friday afternoon at 16:00 XRF002A **D-Star round table net** is a technical net and well worth joining.

**Note:** This time depends on Daylight saving in either country.

Dashboard and DExtra\_Host.txt files entry is here: XRF002 xrf002.dstar.club

The net runs for 3 hours or more and has a “shout box” type web forum you can also contribute to here:

<http://d-star-roundtable.boards.net/>



New Zealand has its first YSF reflector running on the same server as the D-Star National System.

<http://zlx.nz/db> and scroll to the bottom of the page.



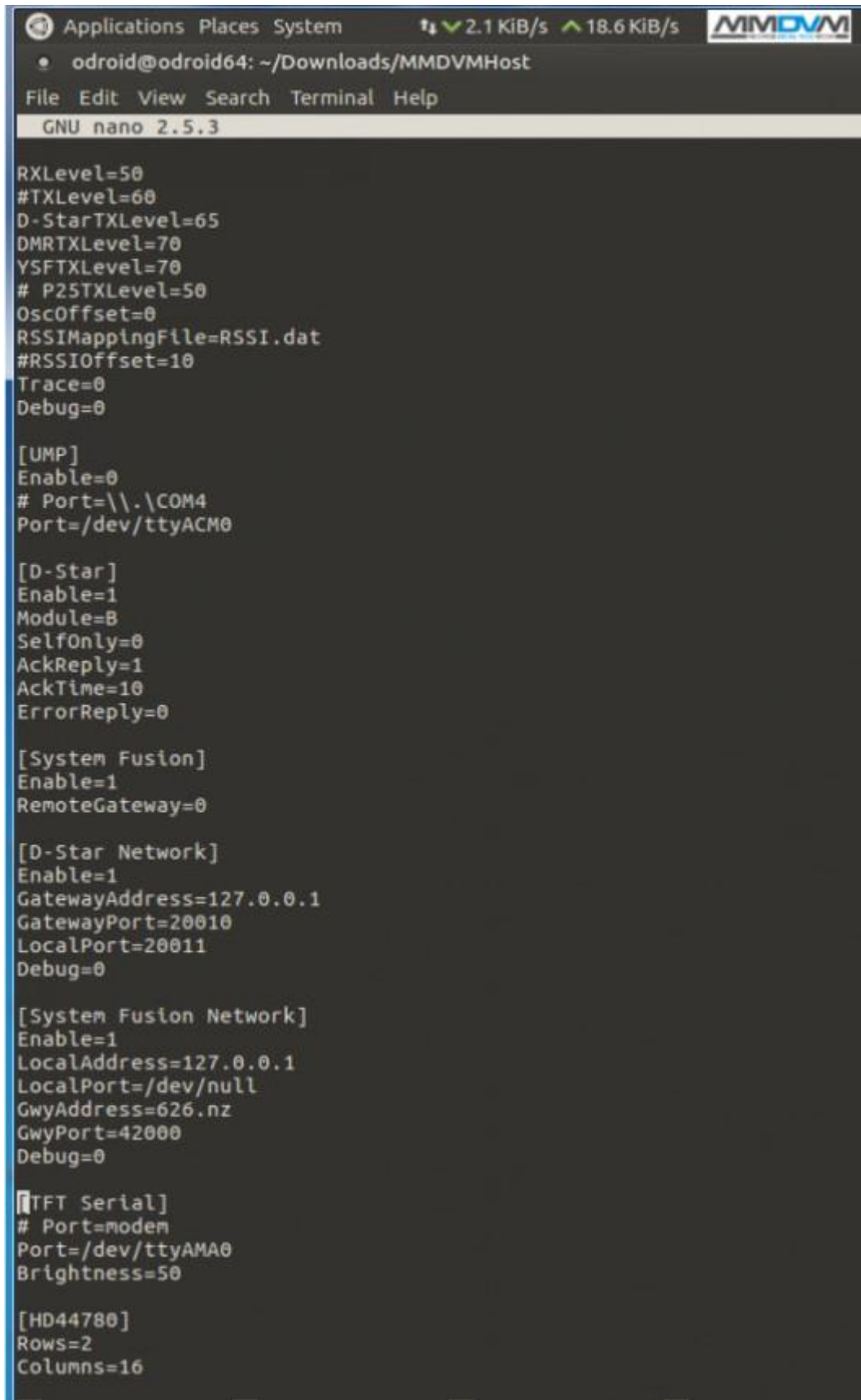
New Zealand DMR+ connection 4850 and 4851 are unreliable for now.  
No direct server connections are possible.  
We will report later if this connection is stable and worthwhile perusing further.  
We recommend <https://brandmeister.network> if anyone wants to try connecting.

This screen shot of the MMDVMHost connected to YSF on 626.nz port:42000  
Stations having QSO's at the time of publishing:  
VK4TUX, ZL2JML, ZL2FY, ZL2TWS and ZL1TAP.



D-Star ircDDBGateway shown on standby waiting for a connection but runs alongside YSF.  
Using the same hotspot high power radio both D-Star and YSF can be used via 626.nz

The following is a screen shot of MMDVM.ini file and the adjustments that are possible.



```
Applications Places System 2.1 KiB/s 18.6 KiB/s MMDVM
odroid@odroid64: ~/Downloads/MMDVMHost
File Edit View Search Terminal Help
GNU nano 2.5.3
RXLevel=50
#TXLevel=60
D-StarTXLevel=65
DMRTXLevel=70
YSFTXLevel=70
# P25TXLevel=50
OscOffset=0
RSSIMappingFile=RSSI.dat
#RSSIOffset=10
Trace=0
Debug=0

[UMP]
Enable=0
# Port=\\.COM4
Port=/dev/ttyACM0

[D-Star]
Enable=1
Module=B
SelfOnly=0
AckReply=1
AckTime=10
ErrorReply=0

[System Fusion]
Enable=1
RemoteGateway=0

[D-Star Network]
Enable=1
GatewayAddress=127.0.0.1
GatewayPort=20010
LocalPort=20011
Debug=0

[System Fusion Network]
Enable=1
LocalAddress=127.0.0.1
LocalPort=/dev/null
GwyAddress=626.nz
GwyPort=42000
Debug=0

[TFT Serial]
# Port=modem
Port=/dev/ttyAMA0
Brightness=50

[HD44780]
Rows=2
Columns=16
```

**To order an MMDVM board contact Adrian VK4TUX here: [vk4tux@gmail.com](mailto:vk4tux@gmail.com)**

## **Repeater Gateways with Dashboards:**

**Auckland Klondyke ZL1VLD.** <https://z1vhd.dstar.org.nz/> (Dplus)

**Auckland ZL1ZLD.** <https://z1hk.dyndns.org> (Dplus)

**Auckland Henderson ZL2AKD.** <http://z1akd.ddns.net:82> (ircDDB)

**Hamilton.** <http://z1cct.d-star.nz> (ircDDB) CCS7 8530100 or <http://z1hnd.d-star.nz> (G2/G3/ircddb)

**Rotorua.** <http://z1rld.ddns.net:82> (ircDDB)

**Tauranga ZL1TPD.** <http://222.154.227.90:81> (ircDDB) CCS7 8530001

**Te Puke.** <https://z1ibd.dstar.org.nz> (Dplus) G2 **Dashboard unknown.**

**Hawke's Bay Mt Threave. 434.000 MHz + DUP.** <http://z12hbd.ddns.net:82>

**Kapiti ZL2KB Mt. Field. 145.350 -600 kHz.** [http://z12kb.org.nz/?page\\_id=731](http://z12kb.org.nz/?page_id=731)

**Wellington ZL2VH.** <http://123.255.47.67> (dual dashboard with Dplus below the ircDDB) CCS7 8530304

**Wellington ZL2VH.** <https://123.255.47.67> (Dplus only dashboard) **Currently server only. No WiFi.**

**New Zealand Reflector XLX626.** <http://626.nz/db/>

## **Examples of these hotspots with dashboards that you can view and connect to this month:**

ZL1AKD (<http://z1akd.ddns.net:82>)

ZL2TFG (<http://z12tfg.ddns.net:82>)

ZL2NSA (~~<http://z12nsa.ddns.net:82>~~) **Currently running ZL2VH B while WiFi repairs are ongoing.**

ZL2SFM (~~<http://z12sfm.ddns.net:82>~~) **New QTH and off air for now.**

ZL3TJH (<http://z13tjh.ddns.net:83>)

ZL2ROR (<http://z12ror.ddns.net:82>)

ZL1AMK (<http://z11amk.ddns.net:82>)

ZL2UDG (<http://202.154.159.177:82>)

## **Other sites for reference information:**

**ZL2VH Web site.** <http://z12vh.org.nz/d-star/>

<http://z12vh.org.nz/d-star/gateway/>

## **Previous D-Star newsletters FREE to download:**

<http://z12vh.org.nz/d-star/newsletter/2015/>

<http://z12vh.org.nz/d-star/newsletter/2016/>

## **ZL Host lists**

ZL gateways and hotspots.

On the Branch 63 site you can retrieve the host files at any time. They are small text files.

<http://z12vh.org.nz/assets/d-star-hosts/>

Previous issues of this newsletter are available from <http://z12vh.org.nz/d-star/newsletter/>