



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/>



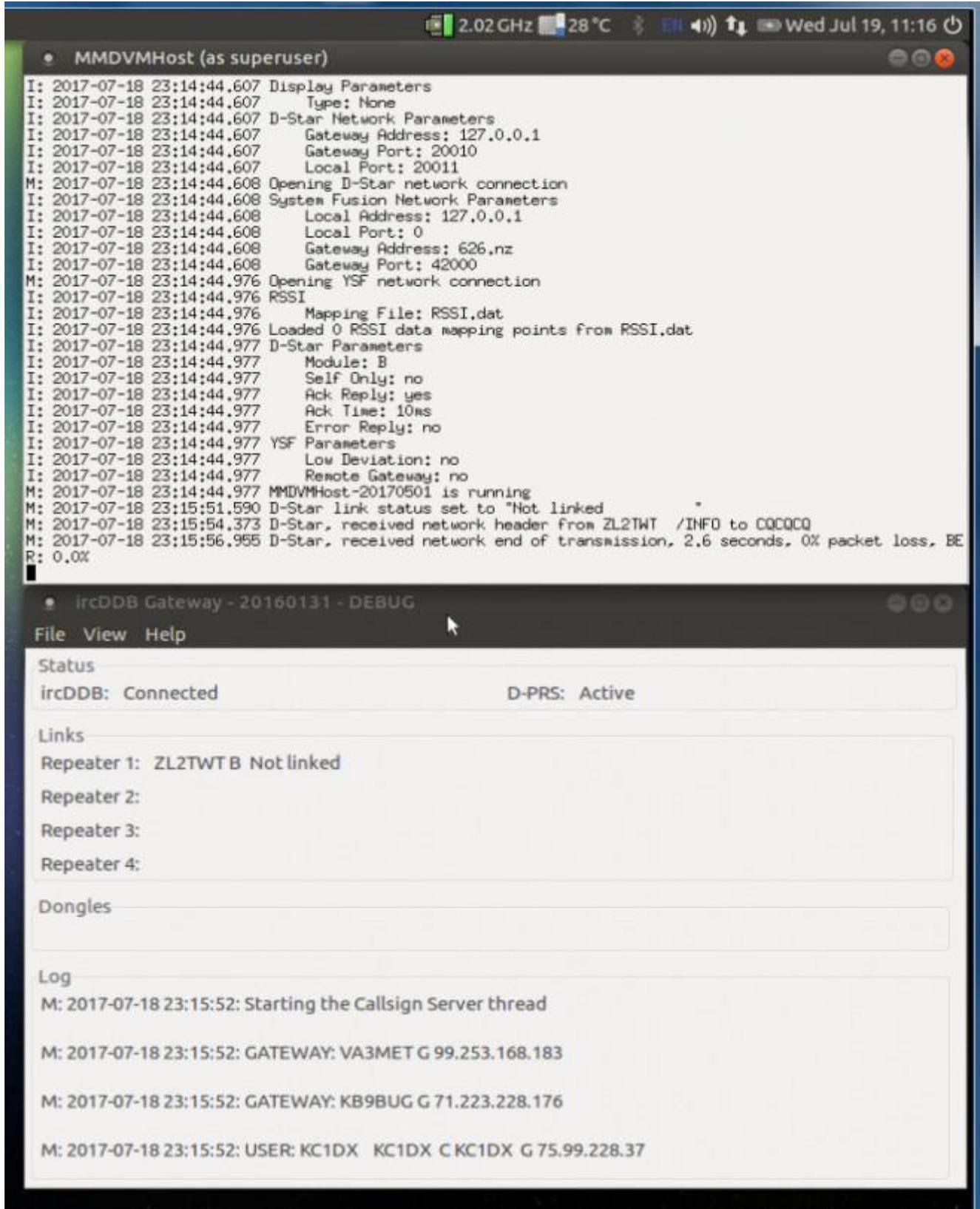
New Zealand has its first YSF reflector running on the same server as the D-Star National System.

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



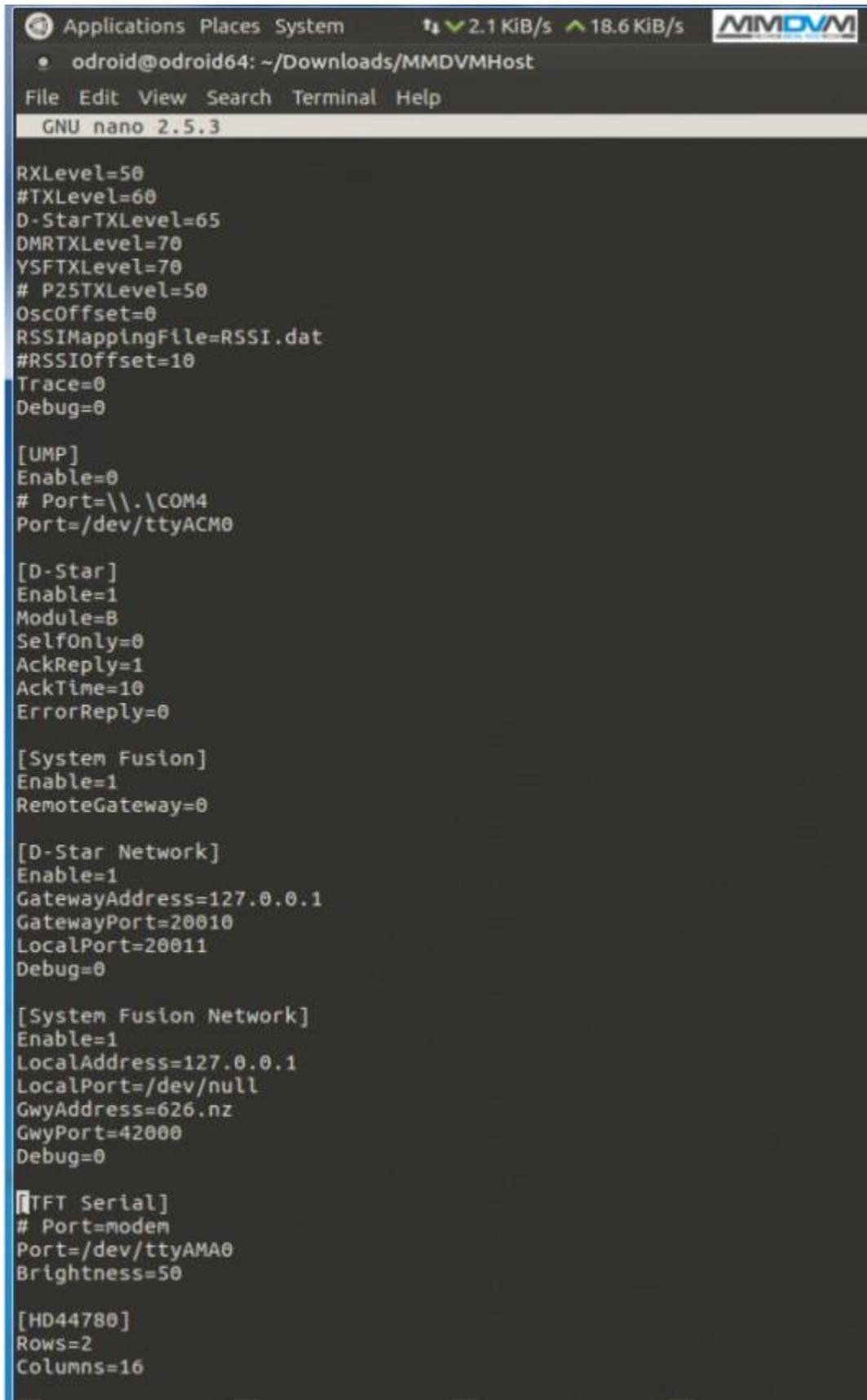
New Zealand DMR+ connection 4850 and 4851 are unreliable for now.
No direct server connections are possible.
We will report later if this connection is stable and worthwhile perusing further.
We recommend <https://brandmeister.network> if anyone wants to try connecting.

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.

A screenshot of a terminal window showing the MMDVM.ini configuration file in nano editor. The window title is "odroid@odroid64: ~/Downloads/MMDVMHost". The terminal shows the following configuration: 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.

```
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

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

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/>