



ZL2VH Newsletter – December 2022

President's Report

Not much from me this time, Seymour ZL2SY (SK) was seen off in good style recently over in Masterton. Members from several clubs attended his memorial service.

The road up to our repeater site has been repaired and we have made a couple of trips up there to reinstate the 860 DStar system and antennas. More from Simon ZL2BRG on that below.

Keep an eye out for events happening over the holiday period, these will be on our Facebook page as they pop up.

<https://www.facebook.com/groups/1606806442913475>

There will be a Curry night Friday 16 Dec at Ammu in Upper Hutt at 7.00pm BYO etc.

Last club opening for 2022 will be at 7.30 Frday 23 Dec and the first of 2023 is on Jan 13th.

The 144 MHz EME NewsLetter

This can be found at

http://www.df2zc.de/downloads/emenl202212_final.pdf

Mike ZL2NSA



Branch 63 Repeater Report

With access restored to Climie, John Fraser and Mike were back at Climie in early December for some repeater maintenance work. John's report is below:

Work list:

- 1) Fit re-tuned 860 duplexer into rack. (431.6 / 438.6 pair)
- 2) Remove single dipole.
- 3) Install 4 dipole SM-4 stack and reposition dipoles for omni directional pattern.
- 4) Check power output and SWR of the SM-4 stack.

Work completed:

- 1) Duplexer fitted to rack below D-Star equipment. See first pictures.

- 2) Single dipole removed and SM-4 in place as high up the mount as it can go.
- 3) Removed long N-Male to N-Male cable and fit a smaller jumper. (N-M to N-M adapter needed)
- 4) SM-4 stack positioned for top dipole to look north, 2 x middle dipoles towards Hutt Valley and bottom dipole towards Lake Ferry. See third picture.
- 5) SWR checked at 1.05:1 or less as the needle on the meter only just moved.
- 6) Forward power from repeater is 17W and 13W out of the duplexer to the antenna.

The forward power should be 25W as is 5425 so next visit the PC can be connected to see why the power is lower than expected.

Also at next visit the jumper cable can be replaced with an adaptor.

Pictures attached ([*at the end of this document – Ed.*](#)) show the 5425 stack with dipoles at 90 degrees from each other and the UHF dipoles the same but for the top and bottom dipoles only.

Mike has offers to run the ircDDB from his QTH as we evaluate the link performance.

73 and good DV.

Talk soon on 860 without SRD QRM.

John ZL2TWS

Status Updates

Climie KiwiDR: The Wifi Link to Cllimie suffered some damage and but is currently on air. Plans are still underway to upgrade the Climie side of the link with a new Ubiquiti module along with new cat6 screened cable.

10m Beacon: On Air

3cm Beacon: Both the RF head and controller suffered significant damage during the winter storms. Both have been repaired and the beacon is about to go on soak test at ZL2BRG's home qth.

1292 23cm: On Air

DSTAR 5425,860: On Air. Note that 860 is now has a -7Mhz split and is to be connected experimentally to ircddb via Mike's qth.

730: On Air

395 6M: On Air.

We are always looking for articles to fill the pages of newsletter. Please forward anything, no matter how large or small, to the editor - Eric ZL2SET – ericwilby@gmail.com.



John's Photos (maybe not in order as mentioned in text)

