



ZL2VH Newsletter — November 2014

President's Report

First off the club are holding holding a D-STAR Training and Technical session on Saturday the 29th November. Learn about D-STAR from an operator's point of view, what is a DV Dongle, a DVAP, Raspberry Pi, what is RPT1 RPT2 MY and UR fields, what makes a DV repeater work, what other modes of DV are there, advantages and disadvantage between the various mode D-STAR, DMR, P25 Phasel, P25 Phase II, Yaesu Fusion and Alinco Digital.

Session One: 10:00 am–12:00 pm: "D-STAR 101 From what is D-STAR to DVAP's and everything in between" Presented by Mark ZL2UFI

Session Two: 1:00 pm–3:00 pm: "D-STAR Technical Session–Mt Climie installation & other modes of Digital Voice" Presented by John ZL2TWS

Club members have the opportunity to register before the registration is opened up to non-club members. Club members cost is \$10.00—includes morning tea at 9:30 am and lunch (pizza) 12:00 pm to 1:00 pm.

Seats are strictly limited to 20. Registrations are required and you must pay Gavin ZL2ACT by 31st of October 2014.

(No payments on the day - Saturday 29 November 2014)

Please make payment to into the Club Bank Account: **03–0774–0897536–000** (Use your call sign as the Reference)

NOTE: there is no refund on your registration fee.

At the time of writing the Club is still waiting for confirmation that we are go for supplying Marshals for the Hutt Valley Triathlon run on November the 23rd. We are still looking for up to 25 volunteers so, if you can make yourself available please let us know ASAP.

The Club's new HF Rig an Icom IC7100 arrived and is a gem. The rig is particularly nice to use and even offers D-STAR DV simplex mode on the HF Bands. Looking forward to see what

distance can be achieved with DV on HF. There is a fair amount of activity on 20M in the US and Europe and should be interesting to see if we can beat the 150km distance limitation of some other digital modes...

And Finally thanks go to Olly ZL2OLY for running a JOTA station at Brookfield Scout Camp.

73's and good DX

Simon ZL2BRG

Branch 63 Repeater Update – November 2014

A recent power failure at Climie highlighted the need to be able to remotely monitor and control the Club's installation. To this end we are looking at adding some basic Raspberry-Pi-based solutions.

3 cm Beacon

Construction of the RF Deck is complete. Work is ongoing on completing the GPS. It was decided the beacon transmitter OCXO and RDDS modules have been moved to the GPS rack. Wiring of the rack is 99% complete and almost ready to test. We are looking getting the ZL2VHX Beacon licence activated in November.

1292 23 cm Repeater

On Air.

860 D-Star Repeater

On Air

5425 D-Star Repeater

Running on 730's faulty 4-dipole stack on the north pole. Awaiting filter installation

730 2 m FM Repeater

Replacement Dipoles have arrived from SkyMast. Awaiting installation.

53.950 6 m FM Repeater

The 'new' repeater is performing excellently.

73's and good DX

Simon ZL2BRG