



S.A.D.A.R.C

SHEPPARTON AND DISTRICT AMATEUR RADIO CLUB

Repeater: VK3RGV 2m - 70cm - Packet.
Freq: 146.650 - 439.775 - Packet 147.575

www.sadarc.org

Incorporation No. A6677
P.O Box 692 Shepparton 3632

Founded 1979



Member Profile
Kane VK3HKH

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Awards &
Presentations

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Volume 2, Issue 11,
December 06'

PRESIDENTS REPORT



Hi, and seasons greetings to everyone. Last Saturday we had our Annual End of year barbeque, we had approx 42 in attendance, it was a very hot day and everyone in attendance needed to be congratulated for coming along to support the club, with all the elements against us, Heat, drought and local fires, we managed to find some shade and we all had a very nice day.

We conducted our usual meeting prior to the Barbeque, Flowers were presented to our ladies who assisted in the kitchen with our Ham Fest during the year, certificates of appreciation were presented to Les VK3TEX for his support and kind donation of the electronic components and boards that he purchased to enable the

IRLP Project to commence, Daryl VK3KL was also presented with a certificate of appreciation for all his hard work he did over the last 15 months, with the newsletter and running of the broadcasts, Daryl basically got the ball rolling during the clubs restructure, last but not least, Angus Communications also received a certificate of appreciation from the club for their support and radio donation during 2006. The highlight of the meeting was the presence of Alan (Tank) VK3AYD, after a long stint in hospital and rehabilitation, it was great to see him at the meeting, and barbeque, well done Allan, and what a great surprise he had when he was awarded his much over due Life Membership Certificate, Alan was overwhelmed, Alan was awarded his Life Membership based on his loyal time as a member, and also being for many years the treasurer amongst other positions he

held of time, Alan was instrumental in keeping the club together when times were tough, it has been my pleasure to work with such a professional and diligent person, I look forward to seeing more of Alan in the coming future. During the barbeque we held a raffle, for 1st prize a 2mtr hand held radio, 2nd prize a 240v grinder, Alan VK3AYD for the lucky winner of the radio, and Bill VK3DWG was the winner of the grinder, later in the day we raffled the meat that was left over, John VK3PXJ was the winner, he decided that the meat was to much for himself so he decided to distribute the meat amongst the members, a very nice gesture John.

During my recent visit to Hawaii, I had the pleasure of working our IRLP Node from the Hawaiian Islands, it worked a b s o l u t e l y perfectly, and it was like talking to the guys from home qth in Tocumwal that's how well it worked, I was

Maritime Mobile at the time on the cruise ship "Norwegian Wind" when I made contact, using a 5 watt hand held radio, if any of the guys that worked me would like a QSL card from KH6/VK2RO just let me know and I will provide a card.

Please note no meeting in January 2007, the next meeting is the first Saturday

in February 2007, same place, same time, this will be the last newsletter for 2006; the next newsletter will also be February 2007. I want to thank everyone for your support during 2006, we certainly have come a long way in the last 18 months, and I would also like to thank the Executive for doing a great job during my absence over the last

couple of months, I look forward to working with my new team in 2007, We have plenty of new ideas for 2007.

In closing, please have a safe and happy Xmas break and a happy new year, I am going North for a short while, I will be active on the 70cm IRLP whilst I am away, 73s Roger Conway VK2RO

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Broadband over Power Lines

The Club's submission to the Hon Dr. Sharman Stone MP has been answered in part in a letter dated the 22/9/2006.

There were many sheets of information of the job that the government is doing to provide broadband internet and other broadband services throughout Australia, and the encouragement for various groups to provide this improved suite of services.

In a speech on 15/5/2006 Hon Helen Coonan - Minister for Communications, Information Technology and the Arts spoke about a national plan for broadband. On page 4 of this speech she said . "This may well involve a mixture of current and emerging technologies to suit the geography and demographics of particular regions - including fibre, copper, a range of wireless technologies, broadband over powerlines, and in the more remote areas, satellite." then again of page 7 "There is Broadband over Powerline network run by Aurora Energy in Hobart - and in network trials with other utilities elsewhere - providing commercial services at 12 Megabits per second and capacity to go faster."

It would seem that the minister is quite happy to have BPL running and the tone of the second quote it would appear that the BPL is being run in Hobart at least as a commercial service. I doubt very much that anyone who is using this service commercially is going to be happy to be told they can no longer use it because of this or that reason.

I believe that we need to send a follow up letter to Dr Stone expressing our concern that BPL is being used in Hobart, at least, as a commercial concern when we are well aware that the interference radiation from the power lines is extensive and does cause considerable problems for high frequency radio communications services. So much so that communications in instances we are aware of are made almost impossible. Is BPL still in the testing, appraisal mode, and does this mean at the end of trials it will become a permanent method of providing broadband despite the interference caused. The minister has indicated there other methods of providing broadband and the other methods provide the service with no interference to other services to our knowledge.

Rodney Champness 5/12/2006

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Member Profile

Name: Kane Hinchliffe (VK3HKH)

Age: 24

QTH: Shepparton

Occupation: Network Administrator

First Amateur Licensed: July 2006

Station History: First was into CB radio and then upgraded to Amateur Radio license.

Station Equipment: Yaesu FT-8900R, ICOM 738 HF 100W, Yupiteru MVT-9000 Receiver, FT-26 146Mhz H/T.

Station Antennas: Dual band Diamond X300 running 213-RT5 super low loss coax, Benelec Discone 12 element, 1/2 G5RV.

Preferred Bands/Modes: 146Mhz FM

Main Activities: Chatting to Ben VK3FBGS while on the road and working tropo ducting on 146Mhz. Also love 28mhz SSB.

Favourite Gear: Icom IC-910H, Yaesu FT-847.

Notable Achievements: Worked Grampians and Canberra Repeater simultaneously on my Diamond X300 running 50W.

Other Radio Activities: Getting IRLP setup and running for VK3SOL, and the free installation of Rockit Broadband at clubrooms.

Awards & Certificates: Received the Wombat Award and the Certificate of Appreciation.

Hobbies & Interests: Into cars, V8's especially. Wireless Networking (WiMax and WiFi Meshing)

Tall Tales But True: Worked VK2KRR on a handheld on 146mhz running 200mw (300km approx)

Future Goals/Ambitions: Build up my station, buy a nice house and settle down.

Comments: Just like to say thanks for all those who have helped me along the way, could not of gone this far without all your support.



If you wish to become a member of SADARC then contact The Secretary, PO Box 692, Shepparton, 3632.

If you have something you would like to share with the other members of SADARC then send it along with any photos you may have to accompany it to newsletter@sadarc.org

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Minutes of December Meeting

Shepparton and District Amateur Radio Club Inc. A6677S. Minutes of combined monthly meeting and Christmas BBQ held on Saturday 9 December 2006 at the Mooroopna Community Hall, Echuca Road Mooroopna.

The President Roger VK2RO opened the meeting at 1220 hours and welcomed all present with a special welcome to Alan VK3AYD who has returned after a long illness.

Present:

Members: Roger VK2RO, Duncan VK3MDC, Danny VK3FDTH, Jac VK3TJS, Kane VK3HKH, Les VK3FLGL, Bill VK3DWG, John VK3PXJ, Rob VK3FMAC, Rodney VK3UG, Brian VK3HBW, Nandor Barabas SWL, Les VK3TEX, Ron VK3COP, Norma Forbes SWL, Neil VK3XNW, Gordon VK3ACC, Alan VK3AYD, Daryl VK3KL, Barrie VK3KBY, Rob VK3ECH, Ed VK3BG, Terry VK3FTHS, Pat VK3OV, Max VK3DSF, Terry Dovaston SWL.

Guests: Corinne Szczurek, Claudia

Szczurek, Patricia Szczurek, Lyn Champness, Geoff Angus, Bernadette Watt, Judy Svoboda, Jan Hitchcock, Jan Cameron.

Treasurers Report: Danny VK3FDTH presented the report on the club finances. Moved Danny VK3FDTH, seconded Rodney VK3UG, carried.

Correspondence Inward:

Nov Amateur Radio
G & C Communication Advertisement
Newsletters from Eastern and Mountain Districts ARC

Outgoing Correspondence: Nil

Acceptance of minutes of last meeting: Moved Duncan VK3MDC, seconded Les VK3FLGL, carried.

General Business:

Roger VK2RO introduced committee members Kane VK3HKH – Vice President, Danny VK3FDTH – Treasurer, and Duncan VK3MDC – Secretary to the meeting.

Announcement of fund raising raffles for the BBQ/Meeting. Prizes were and Angle

Grinder donated by Danny VK3FDTH and a 2M Hand Held Transceiver donated by John VK3CJA.

The president Roger VK2RO made the following presentations:

Thanks and Bouquets for their enthusiastic efforts which contributed so much to the success of Comm's Day: Norma Forbes, Lyn Champness, Bozena Szczurek, Claudia Szczurek, Corrine Szczurek and Barb O'Shannessy.

Certificates of Appreciation:

Les VK3TEX for his contribution and donation of equipment for the IRLP Project.

Daryl VK3KL for his valuable contribution to the club as Newsletter Editor and News Re-Broadcaster.

Geoff Angus for the donation of equipment and support of the club.

Life Membership was also presented to Alan VK3AYD for his long-term support and contributions to SADARC.

Meeting was closed at 1245 hours.

Suggestions for club activities in 2007

I have a few suggestions for club meetings and activities that might be worthwhile to try next year. Whilst many of these suggestions may well be run by individual club members some of them can be run as a round table type activity as we can all learn from each other. These are just suggestions and I believe they will assist our club to become even better than it already is.

Rodney VK3UG

1. VHF/UHF talk by VK2KRR
2. Interference to our amateur service - tracing sources, ways of overcoming it at our end (noise reducing techniques), tracing powerline interference (BPL, constructional activities and who to contact - ACMA, Powercor, etc.)
3. Interference to other equipment through the use of our radio gear - defective domestic non radio or TV equipment (how they can be overcome - sometimes impossible), TV inadequacies (filters usually help), improving our installations to minimise radiation into neighbours equipment. Improving our neighbourly attitude - we want people on side not as enemies - although this doesn't mean backing off when we should stand our ground.
4. Mobile Installations HF and VHF, perhaps even doing comparative tests of various installations.
5. Home antenna installations.
6. Fox Hunts - not the red furry sorts, but radio direction finding. This can be helpful to trace coherent and non-coherent interference sources. Plus it can be really good fun
7. Soldering - We have a lot of new members, and good soldering techniques are essential for general component soldering and making up coaxial leads.

Thank You

On Closing the Year 2006, as a member of VK3SOL CLUB I would like to thank the Committee & the Club Technical Group for a very Successful Forward thinking Year.

All things Considered the Club has had a Very successful Committee & Technical Group.

I would like to Thank Roger VK2RO for his Support thru the Year to the Club & Daryl VK3KL for the Dedication to the Club Broadcast Followed Up by Neil VK3KAL taking on the Broad Cast & Lisa for taking on the Newsletter from Daryl VK3KL.

I would like to thank all the other Members that made the Club Run successful through the Ham Fest & Jota. Have a great Xmas and Safe Happy New Year to One & All !

Best Regards,

Greg Halley (VK3ZKV)

Don't forget we now have a Message Board which you can find at
<http://sadarc.proboards49.com/index.cgi>

WWW.SADARC.ORG



CLUB NEWS

Merry Christmas



Taking care of the official side to the day are Kane VK3HKH (Vice President), Duncan VK3MDC (Secretary), Danny VK3FDTH (Treasurer) and Roger VK2RO (President).



CLUB NEWS

Happy New Year



Presentations: For the Hamfest Kitchen, were Norma Forbes, Lyn Champness, Patricia Szczurek, Claudia Szczurek, Corinne Szczurek. For donating an IRLP board, Les Tatar VK3TEX, Daryl Hitchcock VK3KL for his contribution as Newsletter Editor and News Re-Broadcaster. Geoff Angus for donating an IRLP Radio & a Life Membership went to Allan Dobson VK3AYD. Thank you each and every one of you for your help and support over the past year, without your support SADARC would not be the wonderful club it is today.



VK3KAL

Mt Wombat Tech Report - December

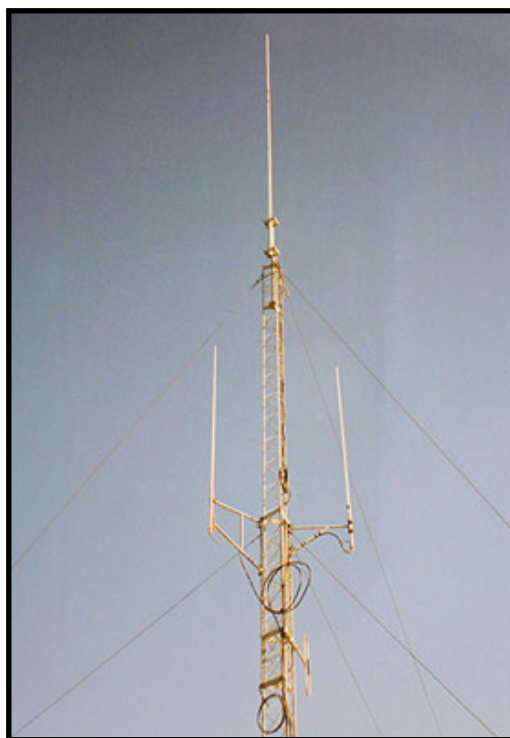
So far this year has been pretty successful in rebuilding the Nally Tower for our Amateur Radio use, however, some of the existing Heliac cable is in a poor state, with tears in the copper shield in places on the 70cm run and existing water damage from the previous owners not capping unused heliac lengths (3 runs), yet at this stage they are still within a good working VSWR range.

The cables are not completely Fire proof as they run along the ground from the tower to the hut. Fire during the 90's at Mt. Wombat destroyed the previous ground run of Coax cables from the Nally tower to the hut, and were replaced with the 3 runs of existing heliac used today, but would still be under threat in the future. Where it would be a better practice keeping them



Jack VK3TJS, Les VK3TEX, Kane VK3HKH and Ben VK3FBGS (and others I may have missed) have produced an exceptional Link to Mt. Wombat 70cm repeater Node 6992 in the later months of this year and with some further improvements yet to be made on the BroadBand link from the Club Rooms.

Many thanks go to Max Matthey during the year for his very hard working approach and knowledge of radio masts to help the club upgrade to the newer Nally Tower now in use.



high in the air to the hut using the existing hut mast as an anchor keeping the cables at a minimum height of about 20 Feet. This will also be a much shorter run keeping losses to a minimum as well.

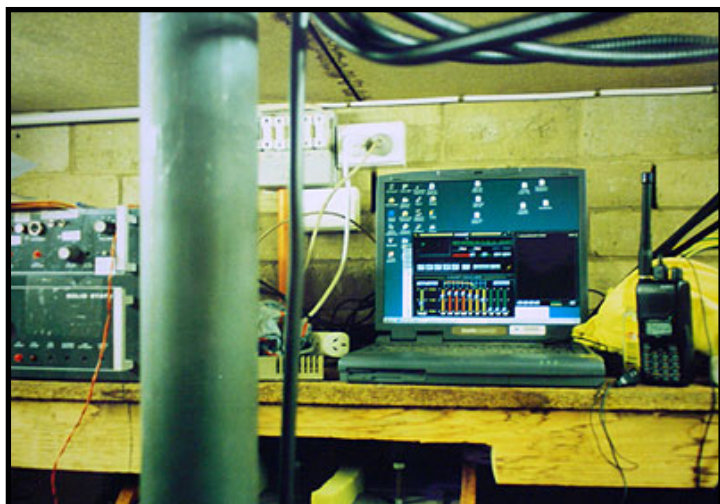
I would like to thank Ray Wales VK3RW for his equal input to the upgrade on Mt. Wombat as he has pretty much done all the soldering and fiddly bits in the radios along with Daryl's (VK3KL) help building the new Controller boards in use on the hill.

Many an hour has been chewed on the phone to Ray VK3RW in the past 15 months working on many ideas to make VK3RGV the Best Repeater in the State (Hi Hi).

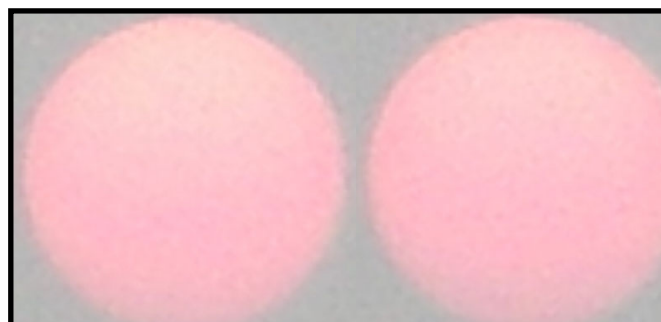
Ray, along with the IRLP group

I would like to thank the club for reimbursement of parts and fuel for the many trips made to Mt. Wombat during the year, I would also like to thank Greg Halley VK3ZKV for his many hours of time, both on the phone and in person with his expertise and ideas with the present and other ongoing projects at the site.

Regards from Neil and Ange VK3KAL and VK3FELT
Merry Xmas



Running a WIA Broadcast from Mt. Wombat on the 5-11-06 with the aid of a laptop and a portable



SunSpot -Left pic 14 Sec Before the Right pic- 7x Zoom 9-12-06. Look for the same small dark patch apparent on both images.