



Founded 1979 Incorporation No A6677 P.O. Box 692, Shepparton 3632

VK3RGV repeaters and transmitter operating frequencies

53.725MHz (-1 MHz offset), **In Service**
146.65MHz (-600 kHz offset), **In Service**
438.2MHz (-7 MHz - offset -D-Star), **In Service**
438.650MHz (-7 MHz offset and 91.5 Hz tone access only), **In Service**
438.900MHz (-7 MHz offset- DMR repeater), **In Service**
439.775MHz (-5 MHz offset), **In Service, IRLP (node #6990)**

Access to most analogue repeaters is by sub-audible 123 Hz tone or noise/carrier mute (less sensitive).
Club informal on air get togethers - Wednesday evenings. All welcome. Club call sign VK3SOL:-
2mx repeater 8.00pm 146.650 MHz, 3.63 MHz SSB ± interference 8.30pm.

From August 2019 meetings will commence at 10 am for chats and technical talks followed with a BBQ then the meeting at 1pm on the first Saturday of the month (except January when no meeting occurs) at

Vision Australia, Channel Road (just off the southern end of Archer Street), Shepparton.

Variations in these times, days and location are normally notified in the preceding newsletter.

Website – www.sadarc.org Face book - www.facebook.com/sadarc.org

Info for the page contact - Denny French on denny3782@gmail.com

Note: Want to get your licence? SADARC has examination assessors, contact the secretary for details.

The vintage radio club (including many SADARC members) have a sked at 11.00am Sunday on the 2 mx repeater.

The following repeaters do not belong to our club but provide good signals for many members.

Mount Major VK3RDU repeaters and TX operating frequencies, 146.850 MHz and 439.875 MHz
UHF CB Repeater WBT03 Mt Wombat Channels 3- 33, 476.475 MHz, In Service 26/08/2019

DISCLAIMER:- No guarantee is given as to the accuracy of information in this newsletter.

Warning: - There is a danger of electrocution or injury when working on electrical/radio gear or working at heights doing antenna work. You do so at your own risk.

President: - Peter Rentsch	VK3FPSR	peter@rentsch.com.au
Secretary: - Andy Ashley	VK3AJA	secretary@sadarc.org
Vice-President: - Barrie Halliday	VK3KBY	
Treasurer (acting): - Andy Ashley	VK3AJA	secretary@sadarc.org
Membership Sec (acting): - Andy Ashley	VK3AJA	"
Webmaster: - Ray Gardner ray@etheira.net	VK3YNV	Publicity Officer: - Vacant
Communications Managers (External Events):- Bruce (VK3PNF) 0427 715 663 & Darren (VK3HEN) Glasson		
Tech. Committee: Geoff VK3ZNA, Ray VK3YNV & Rodney VK3UG		
Newsletter: - Rodney VK3UG (Editor) rodlynn6@bigpond.com Peter & Andy (Printing/ Distribution)		

Presidents Report August 2019.

The 10.00am start worked well and Andy did a great job in presenting the requirements to obtain an Amateur Radio Licence. We had probably the best attendance at any Club Meeting for as long as I can remember. It is great to see such a good attendance at every meeting as it is allowing the Club to go from strength to strength. Thank you to all those who make the effort to attend. As **10.00am** seems to suit people to arrive we will continue to meet at **10.00am** until further notice. As a result of our **10.00am** start there will be BBQ for Lunch.

Thanks to Andy for presenting the talk on the syllabus for Amateur Radio Licencing and also thank you to Andy for setting up his station at the Club Rooms. This is an example of what we could do and should do in the very near future. We have an excellent radio and we have the cable and we also have the expertise so, let's make it happen.

Don't forget, your Annual Membership is now due and is payable to Andy no later than the HamFest on Sunday 8th September.

As this is our last meeting prior to the AGM please keep in mind the positions that need willing (or unwilling) volunteers to carry out jobs within the Club. If you want something done, then put your hand up to help.

At our next meeting we will spend a fair amount of time making sure all is in place for the HamFest which is the next day. Please, make yourself available to help on the Sunday as there are a number of jobs to be done but the more we have the easier it is for all. This is our major fund raising event for the year so all hands on deck please.

That's it for this month and I look forward to seeing you all on the 7th September.

Peter – VK3FPSR
President – SADARC

Calendar

7th September – **10.00am** – Training – Resistors. BBQ. Regular Meeting and Hamfest Finalisation

8th September - Hamfest – all hands on deck

5th October - **10.00am** Training – TBA. BBQ. Regular meeting and AGM

2nd November – **10.00am** – details to follow

7th December – Christmas Lunch – venue to be confirmed

SADARC Meeting Minutes

August 3rd, 2019

Club rooms. 12:57pm

In Attendance were;

VK3AJA Andy, VK3FPSR Peter, VK3UG Rodney, VK3KBY Barrie, VK3ZNA Geoff,
VK3ASK Peter, VK3FBGN Peter, VK3OV Pat, John "Stevo" Stevens, VK3DMD Doug, VK3PGK Graeme, VK3ZYD
Denys, VK3TJS Jacek, Josh, VK3YNV Ray, VK3EB Dallas. VK4AAC Rob, VK3ZE Huntly, VK3KJB John, Geoff R.
VK3UG Rodney.

Apologies; VK3NQS Colin, VK3HEN Darren, VK3FALN Alan, VK3AO Alan.

Correspondence;

In; Cheque from ACMA refund for extra payment for VK3SOL (accidently paid twice)

Out; ACMA re CB repeater licence.

Reports;

Financial, read by Andy. Moved by John, second by Kevin. All in favour.

Tech; Read by Rodney and Ray, info on Mt Wombat status.

Rodney moved that SADARC pay for 4g internet at Mt Wombat as the arrangement has been both
Ray and Andy pay for it.

This was second by Graeme, and all were in favour.

Hamfest; Read by John, 24 tables booked so far.

Andy will organise Jaycar vouchers for raffle, wristbands and raffle tickets.

Azem has been booked (Food truck)

General business;

Ballarat Amateur Radio club are having a dinner in Shepparton. Sat. night before Ham fest.

SADARC are now having a BBQ for every Monthly Meeting!

Bruce mentioned members are required for Murray Quad.

Peter has suggested we investigate using club rooms for some training, or projects.

Peter also mentioned perhaps offering to WIA 2022 Annual Conference in Shepparton.

Jacek had his 15 min. of fame and has nominated Pat (VK3OV) for next meeting.

Meeting closed 3:15 pm.

The new monthly quiz followed..... wine was handed to winner!

Technical Committee Reports

- The DSTAR repeater was installed in 2011. It has been out of commission most of the time from the initial installation. It did not prove at all reliable with all sorts of problems and it is only now eight years later that it is working as it should after extensive testing at Ray VK3YNV's QTH.
- The DSTAR repeater has been re-installed on Mt Wombat by Ray and Josh. Initial testing looks good. It is running the ircddbgateway software driving the ICOM RP2C/RPV4000 stack.
- The DStar equipment is shown in the lower part of the adjoining photograph. Reports on its performance are welcomed.
- Ray reports that there is still room in the rack for other ancillary equipment.
- We have all of our services in the VHF and UHF bands working, that is two digital services on 70cm, two analogue services on 70cm, one service on 2 mx and one on 6 mx. Additionally we have the UHF CB repeater. **This is the first time in eight years that all allocated services are operational.** Thanks particularly to Ray and Josh that our services are in the condition that they currently are.
- Josh has been working on a power controller that ultimately will allow various repeaters to be remotely monitored more effectively and allow control of which repeater is in service and whether classed as essential or non-essential. Josh has a prototype functioning at this stage.



Wanted

Two double pole double throw knife switches of the type used on 300 ohm ribbon type TV feeder systems.

Rodney VK3UG, tel 03 5825 1354 or rodlynn6@bigpopnd.com

Editor's Ramblings

- The brains trust of the club is seen here pondering the 10 metre high squid pole portable antenna system, ATU and out of sight to the right the portable HF station of Andy's VK3AJA. The location is on a metal frame outside the Vision Australia rooms where we hold our regular meetings.
- Some thoughts come to mind that in his hurry to get the system up and running the output from the ATU (the little grey box on the right of the mast about a metre high) is too low and signals will be absorbed by the metal frame.
- For more signal out and in we need to put the ATU up at the top of the vertical support and even better signals will be the result.
- We would ask that members standing around do not stand on Andy's cables (control and coax) as this will ultimately ruin them. Note also the electromagnetic radiation levels we need to adhere to. With the antenna higher this will be complied with.



- Here s Huntly VK3ZE describing his latest project

- Note our **next meeting will commence at 10 am** with a tutorial conducted by Andy VK3AJA on electrical laws particularly ohms law. This will be of assistance to those wishing to either gain their licence or to upgrade their licence.
- At **11 am Rodney VK3UG will talk about and demonstrate morse code** transmission and reception for those who would like to try their hand at this digital mode. He will bring all the equipment necessary but if you want to bring your own equipment by all means do so. Les VK3TEX wrote a series of articles on his adventures into the use of CW morse code in the newsletter for January, February and March 2017. Have a read of these on the club website.
- Towards midday after 11.30 am the BBQ will be fired up and what will become a usual occurrence we will have a BBQ and a chat before the meeting at 1 pm. This is proving popular giving members much more time to chat and discuss projects or present them.
- Ray VK3YNV has been steadily working on his proposed VHF/UHF diplexer kit. Whilst it is a simple piece of equipment having five inductors and five capacitors it is a matter of getting the right quality items, component values and design so that they don't overheat when significant VHF or UHF energy is applied to them. Things are looking very encouraging.

Communications Event

We have been asked again to take part in the running of the 2019 Murray Quad. The event this year will be run on the 30th. November and the 1st. December. The format will be much the same as last year's requiring us to set up a base station at the Tocumwal town beach at about 12noon and move to Yarrawonga at the conclusion of the first day to set up for communications at the rowing club on the Sunday. We will use the local 2m. or 70cm repeaters on the Saturday and on the Sunday 2m. simplex.

We will need 6 volunteers for this event so if you can assist contact Bruce on 0427 715663, Darren on 58521092 or Andy on 0409 716713.

For Sale

As members know Norma Mathey died recently. Max Mathey is looking to dispose of Norma's radio equipment and in the next couple of pages is a list of equipment for sale with approximate prices on various items. It is likely that items not sold before the Hamfest will be brought along to the Hamfest.

To contact Max phone him on 0491 643 991 to negotiate. Most of us get our newsletter by email and as Max gets his newsletter by snail mail leave it a day or two before contacting him.

Pat O'Shannessy has largely distributed Bruce Gillies amateur radio equipment. There is still a small amount of the equipment to be distributed and it will be at the meeting on 7th and if not sold will be presented at the Hamfest on the 8th. Just a reminder that items purchased but not paid for need to be paid for ASAP if not paid for at the time of picking up. Pat's phone number is 03 5821 7774.

At this stage it is not known what will definitely be happening with Max Johnson's equipment.

MAKE	MODEL	SERIAL	Stereo Headphone	DESCRIPTION	Approx	QUC
SONY	DR-7		Stereo Headphone		?	
BENETEC	B105-4		External Speaker		10	
PHILLIPS	FM320	2916	UHF		30	
-	-	-	2 OR 4 Amp Power Supply - Custom		10	
ICON1	IC-40		CRS - Handheld UHF, 2 spare batteries, charger		50	x2
-	-	-	Power Supply, 13.8V, 3Amp		20	
ELECTROPHONE	TX470S	40302390	UHF 40 Channel		30	Yes
PHILLIPS		302M31			?	
ELECTROPHONE	TX560	31000370	AM/SSB 40 Channel CB		100	
HMV ROADHOUND	TX44	T00071917	AM 18 Channel		20	
KARINNA	KSB-18	1000748	AM/SSB 18 Channel CB		50	
UNIDEN	UH-040XR	26008886	UHF Hand held		30	
SEIKI	HA-23C		CB <i>Am</i>		10	
ELECTROPHONE	TX470S	40302389	UHF		30	
ANDREW	L4PNF-RC		N Female Ring Flare Connector	with 650-60 wire	30	
ANDREW	L4NF-C		N Female Connector		30	
PHILLIPS	FM828		UHF		20	
PEARCE SIMPSON	Super Cheetah	43000012	AM/SSB CB		100	
PHILLIPS	FM320	5041	UHF		30	Yes
SAWTRON	KG107-1			<i>Commercial Radio</i>	100	
SHINWA	SC525X	80350443	Synthesized VHF-FM Radio Telephone Output 25w Power Supply DC 13.6V		?	Yes
SHINWA	SC525X	80750441	Synthesized VHF-FM Radio Telephone Output 25w Power Supply DC 13.6V		?	Yes
RFI	VC2412-6		Overload Short Circuit 24 - 12V Converter, 4.3Amp Cont., 6Amp Peak		30	
REALISTIC		23000438	AM/SSB CB		75+	
GENERAL ELECTRIC	MVP		12 Channel	<i>Commercial Radio</i>	?	
JAGUAR	CB400		AM/SSB Solid State Power Supply 13.5V, 4 Amp		30	
PHILLIPS	FM900		UHF TMC Control Unit	<i>DEPENDS ON VHF or UHF radio</i>	?	Yes
VARIOUS	AERIALS		27Mg & UHF		?	
CABLE	COAX		Variety of types and lengths		?	
MICROPHONES			Variety to suit various makes and models		100+	
-	-	-	4 Stage, 100Ft Tower, 2 way switch, UHF 2DB Gain, Stick & beam & rotator 100+ft helix coax cable	<i>12 ? To Negative Price.</i>		

MAKE	MODEL	SERIAL	DESCRIPTION	Approx \$	MIC
PHILLIPS	FM620	84057	UHF 40 Channel	50	Yes
UNIDEN	AX144	23000807	AM/SSB CB	75+	Yes
SAWTRON	990	60100277	UHF	75+	
REVEX	W560		SWR & Power meter	75	
SAWTRON	?		UHF	?	
PHILLIPS	FM320		UHF	30	Yes
APOLLO	Deluxe		AM/SSB CB Base Station 27mhz	100+	Yes
PEARCE SIMPSON	Super Panther		CB 40 channel, SSB/AM	75+	Yes
-	-	-	7 Amp Power Supply (custom)	30	
TOA	Desk		Paging Microphone	60+	
RFI	VC2412-6		24 - 12V Converter	40+	
-	-	-	Dummy Load - Power Rating ?	?	
ARLEC			12 V, 15 Amp max., Power Supply	75+	
DICK SMITH	D-3800		Power Supply, 3 - 15 Amp regulated DC Power 25 Amp Max.	100	
JEBSEE			Rotator + Power Supply Unit. Input: 240V 50Hz, 68 W	100	
VINTEN	Vantage		✓	50	
REALISTIC	Navaho TRC 490		AM/SSB Base Station, designated Ch 9, CB	?	Yes
	PS71B		Power Supply Rectifier Input 200-250V, 50 Hz, Output 48V DC 1.5 Amp, Single Phase 110VA, 60 VAC, 6VA 50HZ	30	
ELECTROPHONE	CB 590		AM/SSB 18 Channel Base Station	100+	Yes
PEARCE SIMPSON	UF2020		UHF 40 channel, in box, brand new	?	Yes
SAWTRON	800		UHF 40 channel	50	Yes
PHILLIPS	FM320	12319	UHF	30	
SHAKESPEARE	GBS5000		SSB/AM CB 23 Channel	50	Yes
PHILLIPS	PS843		Power Supply, 12V 5Amp	50	
ELECTROPHONE	TX560	30300050	AM/SSB 40 Channel CB	100	Yes
MICRANTA			3 Range - Power/Modulation/SWR Tester	50	
MICRONITA			Field Strength/SWR Tester	50	
JD	140		Antenna Matcher	30	
PCM			3 Channel UHF	30	Yes
PCM			Radio base/power unit	30	x3
REALISTIC			40 Channel, 2 Way Emergency CB System, incl. antenna - in box	50	Yes
ELECTROPHONE	TX472	60502562	UHF 40 Channel	30	Yes
PEARCE SIMPSON	Super Cheetah	23001873	AM/SSB CB	100	Yes
ELECTROPHONE	TX470S	40703253	UHF 40 Channel	30	Yes
PLESSEY	MVA231		??	?	Yes
HMV ROADHOUND	TX77	16000929	AM/SSB 18 Channel CB	100	x2



WIRELESS INSTITUTE OF AUSTRALIA

PO Box 2042
Bayswater
Victoria 3153 Australia
Phone: + 61 3 9729 0400
Facsimile: + 61 3 9729 7325
www.wia.org.au
nationaloffice@wia.org.au
ABN 56 004 920 745

17th August 2019

Joint response to ACMA Consultation Paper - Omnibus changes to Amateur LCD

The Australian Ladies Amateur Radio Association, Amateur Radio New South Wales, Amateur Radio Victoria, in conjunction with the Wireless Institute of Australia have released a joint response to the “Proposed changes to amateur licence conditions” and “Draft Radiocommunications Licence Conditions (Amateur Licence) Omnibus Amendment Instrument 2019”.

We would collectively like to thank those clubs from around Australia that have offered letters of in-principle support. At the time of writing the total membership represented is well over one-third of all licenced operators in Australia.

For those clubs that have not had an opportunity to review the proposals and present them to their committees, we encourage you to consider the joint response, and, if you believe it to be appropriate, send letters of “in principle” support to support@wia.org.au.

We thank the ACMA for taking the opportunity to consult with the users of the Amateur Service and look forward to the ACMA’s early adoption of the principles.

Regards
The WIA board of Directors.

Read the WIA response, supporting letters and template letter on the WIA website via this [Link](#)