

SADARC

SHEPPARTON & DISTRICT AMATEUR RADIO CLUB

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

Founded 1979

Incorporation No. A6677
P.O Box 692 Shepparton 3632

REPEATERS VK3RGV 2m & 70cm
VK3RGV B D-Star
2m IRLP Node # 6992
CLUB CALL SIGN VK3SOL

President:- Peter Rentsch
Vice President:- Trevor Close
Secretary:- Darren Glasson
Treasurer:- Greg Keegan
Newsletter – Steven Hamer

VK3FPSR
VK3ATX
VK3HEN
VK3POP
VK3DP

Repeater Frequencies: 6 meters: (53.725Mhz Out, 52.725 In. 123Hz tone)
2 meters (146.650Mhz Out, 146.050Mhz In 123Hz tone)
70cm (439.775Mhz Out, 434.775Mhz In 123Hz tone)

S.A.D.A.R.C. JUNE 2014.

Upcoming Events.

July 5th Regular Meeting with Guest Speaker

August 2nd Construction Meeting at Dallas's residence

September 6th Regular meeting. Planning for Hamfest

September 14th Sunday – Hamfest

Images from: <http://www.cfaconnect.net.au/news/new-aerial-pumpers.html>



Presidents Report June 2014.

Thank you to all those who attended our June meeting. A small number was in attendance but it was a very beneficial and fruitful meeting. After our normal business session we had a talk from Rob Puise VK3EY. Rob is a member of our Club and works for the CFA. Rob spoke to us about his work with the CFA but mainly he concentrated on the new Digital Radio Network that the CFA are moving to. This rollover to the new mode of operation is due to occur in mid-July, 2014. After his talk Rob and his assistant Garth allowed us to play firemen. They had come along in one of the stations trucks.

The particular truck they brought along is located in Shepparton but can be used anywhere within the State. Recently it was sent to Morwell during the coal fire. It was the vehicle with the large hydraulic boom on it. The boom can extend up to 90 metres in height and has a nozzle on the end to direct the water to the seat of the fire. Also on the end of the boom are two cameras. One camera is your normal camera to assist them in what they are doing while the other camera is an infra-red camera to locate hotspots both within the fire or perhaps looking for life within a building. The sensitivity of this camera was quite impressive. The boom is controlled remotely so as the operator can stand back, away from the truck. This allows better vision for the operator. I personally found the technology associated with the truck most interesting. Thank you to Rob and Garth for their time, and as one of the members in attendance stated, "it was one of the best guest speakers we have had" Thank you to Kevin VK3BPH for organising the CFA to come and visit us.

Just to skip ahead to our August meeting and for all members to keep in mind, Dallas VK3EB has offered his home for the meeting to have a BBQ, check out his shack and most importantly to construct some style of kit or build something relevant to our hobby. We are having a construction day where members build something; get help with a project they are building or help others that may need assistance. Les VK3TEX is looking into possible project ideas for the members to build on the day and will let us know when he has found something suitable. If you have something in mind contact Les and he will put it in the mix and see what comes out.

Please also keep in mind our Hamfest on Sunday 14th September. Keep your eyes and ears open for possible exhibitors and also let people know it is on. We have a great Hamfest that we should be proud of so let's make sure we tell others about it.

For the last 13 years Jack and Bosanna have organised the food for our Hamfest. They both feel that it is time that they had a rest and someone else took over the control in regard to the food. We would like to thank Jack & Bosanna for their work over the years and we would all agree that they have done a great job and created a reputation for our Club of providing good food. So, at our next meeting we need to discuss what we are going to do about our catering bearing in mind the reputation we have and amount of money that the catering brings into our Club.

Note that your subs are due as of our July meeting. The annual subs are \$25.00 and the money we collect goes towards improving facilities within the Club. The Annual subscription form is attached to your Newsletter. You will note that on the back of the form we have asked your for next of kin details. The Club felt it would be beneficial for the executive to have some details of somebody within your family if something untoward happened. As the Club are doing more outside events it was felt to be a good safety precaution if we had some detail. This information will only be available to the executive and will not be available to anyone else. If you are not comfortable supplying us with this detail then that is fine.

Below is our calendar of events for the next few months.

July 5th Regular Meeting with Guest Speaker

August 2nd Construction Meeting at Dallas's residence

September 6th Regular meeting. Planning for Hamfest

September 14th Sunday - Hamfest

Thanks again for your support and I look forward to as many of you as possible on July 5th..

Peter – VK3FPSR
President – SADARC



Minutes for SADARC June 2014

Meeting opened 1300Hrs.

Welcomed by President

Present. VK3 KPSR. VK3 POP. VK3 COP. VK3 HBW. VK3 FBNG. VKE CHV. VK3 XPJ. VKE BPH. VK3 TEX. VK3 TJS.

Apologies. Vk3 GEB. Vk3 DSF. VK3 HEN. VK3 UG. VK3 DP

Minutes Moved VK3 XPJ. 2nd. VK3CHV. Passed

Correspondence. In. Nil. Out. Nil. Bruce Vk3 FBNG informed

Treasurer. What was req. on Invoice & where to send it for Murray Quad.

Treasurer's Report Tabled and informed Club was still in good Financial position

Moved VK3 POP. 2nd. VK3 BPH Accepted.

General Business.

John VKE XPJ has emailed a number of possible table holders regarding the coming Hamfest 14th September 2014.

Discussion regarding cost of Tables and entry fee for this year's

Hamfest and considering new charges by the current events by other Clubs .

It was moved by VK3CHV 2nd. VK3 XPJ That Cost of Tables be increased from \$10.00 to \$15.00 with one meal ticket to be used for either Breakfast or Lunch.

The price of entry for public remain at \$5.00. Motion put and passed'

Greg VK3 POP will place Advert in Amateur Radio August Issue.

Members are reminded that Subscription Renewal are due by the 30th June 2014. Financial membership card will be issued which will have Jaycar discount. Number on back .

Meeting was adjourned for drink break prior to Guest Speakers presentation .

CFA Presentation

President introduced our two Guest speakers from Shepparton

C.F.A. Station Leading Firefighter. Rob Puise and Fireman Snorkel Operator Garth Marshall.

Rob gave a broad description of the various incidents that they attend, such as Fires. (Rescues from Motor Car Accidents, which can include use of Jaws of Life, Defibulator, C.P.R. and other life saving procedures until medical team arrive. Buildings (This comes about Because they are now also classed as First emergency responders. Another role they carry out is they will often attend at

Elderly persons home and replace their battery in their Smoke Alarms. He then displayed their new Hand Held Radio's which will become the new digital TX. Rec. in the near future and they will send & receive via Telstra Mobile Towers throughout the state and it is hoped that they will get good coverage, it also has a small button that when they receive a call al they have to do is press this button to inform they are responding and not do it verbally, however they are still using the present VHF Frequencies. like the police all their communications come from Ballarat Communication Centre.

Rob then received numerous questions from members which he answered or explained to all in a very professional manner.

We then adjourned out to the car park where Rob and Mark had parked up a Snorkel unit which could be elevated up to a height of 19 Metres and rotate 360 Degrees it has a Infra Red Camera attached to the top of the snorkel the camera is operated by remote hand control. The unit has a enormous variation of equipment in its various compartments I.E. very large range of adaptors for various Hose sizes and First Aid Equip. its own water tank,

And it is able to draw water from supply at 3000Ltrs per minute. The rear seats of the cab have their Breathing Apparatus fitted In such a way that the fireman can fit it on when he is in the cabin and is ready to go upon arrival at the scene.

The machine weighs 15 tonnes and is one of three in the state in Service a fourth is on standby. Rob and Mark then gave us a demonstration of the Snorkel operating when elevated and the Infra Red Camera.

Overall this was a very well presented information session and was very much enjoyed by all.

Thanks to Ron Burns VK3COP for this report.

TECHNICAL COMMITTEE REPORT JUNE 2014

No news is good news they say. Well I am not so sure. At least there is no new bad news as far as I am aware. All projects have, temporarily stopped, either due to the weather this time of year, or other outside causes.

The **Power Supply** story is still the same, with everything running fine on the hill with the unit Rodney built up last year (mostly with parts the club already had). I am glad, and I am sure many others are, that we had the foresight to get a backup supply going. Many thanks to Rodney for his efforts, because without it the repeaters would have spent quite a bit of time off air. Perhaps now is the time to organize new backup batteries before it is too late as we know the ones we have are quite sick. A reliable supplier of quality batteries at reasonable prices has been found. The main power supply has been repaired with the protection circuitry upgraded and at this stage is now our backup supply.

All **Analogue Repeaters** are working well at the moment. I have had some reports that the 70cm repeater signals have been quite a bit better in the northeast since the new antenna went up last year. There have been no reports of any intermod problems on the 2 metre repeater with quite a few allocations being changed on VHF high band recently. If you listen around from a hilltop or when the band is open, you will notice that quite a few 2 metre repeaters have not been so lucky. Our 6 metre repeater is also blessed with a site that is relatively noise free most of the time compared to other sites. Long may it last.

So far the **Dstar Repeater** 4G dongle communication problems have not been resolved and therefore the repeater has not been reinstalled. I have heard that many Dstar repeaters in the UK no longer have internet connections, the reasons for this, I do not know.

The **Club Room Antenna** is waiting for suitable weather, solid ground, and available time to enable reinstallation.

We are still seeking information on the Mount Wombat tower to guarantee we get our **New 6 Metre Repeater Antenna** installed correctly first time.

Rodney tells me he is enjoying some warmer weather at the moment and this time last year I was too oh well.

Cheers

Phil Dwyer VK3ELV for the Technical Committee, Rodney VK3UG, Ray VK3RW and Geoff VK3ZNA.

Thanks Phil Dwyer VK3ELV for the technical report.