

SADARC

SHEPPARTON & DISTRICT AMATEUR RADIO CLUB

40 METERS SAVES THE DAY



Father and Son (myself and Billy) headed off on new years day 01//1/10 in the afternoon to do a spot of camping and fishing for a few days and give Mum a well earned break. We camped about 10 kms down stream from Lake Buffalo right beside the Buffalo River about 40-50 kms from Myrtleford. The river was nice and clear, great for fishing I thought...

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REPEATERS VK3RGV 2m &
VK3RGV 70cm
CLUB CALL SIGN VK3SOL

**Volume 1
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October 2010**

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Toby Corbett VK3PNF

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Ron Burns VK3COP

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Les Tatar VK3TEX

Membership Secretary:

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Technical Committee:

Ray Wales VK3RW

Neil Webster VK3KAL

Newsletter

Editor - Lisa Laffan.

www.sadarc.org

S.A.D.A.R.C. Postal Address
P.O.Box. 692 Shepparton 3630 Vic.

A WORD FROM THE PRESIDENT

Presidents Report for February 2010

meeting with 3 successful participants. Congratulations to Peter McCaskie from Kyabram obtaining his Foundation call, Dennis Crowe and David Robinson from Goornong both passing their regulations. Great stuff guys.

There are also plans for more exams to be run in the next few months so if you interested in obtaining a new license or maybe just upgrading please contact Ed VK3BG or Rob VK3ECH. Thanks to both of you for the time and effort you put in to the cause.

There has been a fair bit of confusion

and a drop in numbers on our weekly club nets on 2m and 80m. After a large amount of discussion the following times are as follows:

80m net on 3.620 Isb every Wed night starting at 7pm sharp. The coordinator for this net will be John Waters VK3PXJ. John is looking for volunteers to help conduct this net so if you are interested please contact John via email glengordon@bigpond.com or Ph 03 5824 1188 to have you name placed on the roster.

The weekly 2m net will be moved back to Wed nights starting at 8pm SHARP. The net controller for this event will still be Max VK3DSF

The WIA and American Newline re-broadcasts I believe are back to 7:30pm Sunday and Monday nights with thanks to Neil VK3KAL

As some of you may already know VK3RGV 70cm Analogue is back up and running on Mt Wombat after a little break. IRLP is also back on so please get up there and give it a go. From all report things seem to be working very well.

Please keep your projects and ideas going everyone. If any members have some requests or ideas for guest speaker after the club meetings can they please contact me ASAP? Also please don't forget to submit all of your project content to Lisa for the newsletter. It was a bit of a struggle to get content last year.

I look forward to seeing you all in March, take care for now.

Cheers

Toby VK3PNF

G'day to everyone,
I hope everybody had a great Christmas and New Year?

It was great to see everyone at the clubrooms on Saturday. We had a lot to discuss so apologies to all if the meeting dragged on a bit.

Rob VK3ECH and Ed VK3BG conducted assessments before the

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Minutes of February Meeting

Present:

Les VK3TEX, Ron VK3COP, Toby VK3PNF, Bazz VK3AXX, John VK3FJHM, Pat VK3OV, Max VK3DSF, Ian VK3FIRW, Trevor VK3VG, Brian VK3HBW, Tibor VK3FTIB, Duncan VK3DCX, ED VK3BG, Peter VK3FBEN, Cameron SWL, Kane Hinchliffe VK3HKH, Steven VK3DAG, Dave VK3FT-BK, Denis VK3FADC, Rob VK3ECH, Matthew Burnille, Rodney VK3UG, John VK3PXJ, Jacek VK3TJS.

Apologies:

Alan VK3FALN, Jan VK3ALF, Ian VK3JNC, VK3PLW, Clint VK3CAF,

Minutes from the previous meeting:

There were no minutes recorded from the previous meeting as it was held at the Mooroopna Golf Club for the end of year function. There were only a few informal words spoken by our president. The president said that everyone had a great time and a great break.

Correspondence:

Midland ARC newsletter, VK3SOL License, Christmas card from WIA, Club details letter from Consumer Affairs Victoria, Letter from

P. Ingle regarding old electronic items for sale.

Moved that the correspondence be accepted by John VK3FJHM, seconded by Tibor VK3FTIB, carried.

Treasurers Report:

Ron handed out the report to the members for their perusal. Ron VK3COP moved the report be accepted, seconded by Rodney VK3UG, carried.

Reports:

Rodney gave a report on the progress of the 6M repeater and said things are progressing steadily.

Toby moved a motion to get the digi-peater to go ahead. Seconded by Steve VK3DAG.

Carried.

Toby mentioned that co-ax will also need to be purchased. Motion moved by John VK3PXJ, seconded by Ron VK3COP. Carried.

Toby mentioned and put forward to members whether we should have a tone access only onto the 2M repeater. This was raised by Ray VK3RW as maybe a way to bypass the interference on the repeater. He asked the members to go away and think about it and we will discuss further at a later meeting.

General Business:

Max VK3DSF talked about the situation of the 2M club net. He asked people who listen to the net to please check in. He asked about the 80M net and what has happened to it.

Brian VK3HBW put forward a motion to change the net back to 7:00 pm on the Wednesday for 80M and 8:00 pm for the 2M net. Seconded by John VK3FJHM. Carried.

John VK3PXJ said he would run with the 80M net and organize a roster for it.

Max VK3DSF would run the 2M net at 8:00 pm as he used to before.

It was decided that if someone can't run the net they would have to organize for someone else to do it on that night.

Toby thanked Rob and Ed for their efforts in conducting the exams on the day and congratulated the people who had passed their exams.

It was decided that there would be a special meeting before the next March meeting to vote on some special business.

Ron VK3COP commented that we should start preparing for this years Hamfest and that we should select a Hamfest sub-committee at next months meeting.

The secretary would send out some email correspondence

to the traders as a reminder that our date will be back in September in the second week and they should mark it in their calendar.

Kane VK3HKH has donated a server for the Dstar link that will go up in the future. Jacek went to the AGM for the hall committee and said that all was pretty good but they need some notice before any SADARC club activities are commenced that are out of the ordinary time schedules.

Rob VK3ECH gave a brief description of how he got the six meter antenna to work.

Meeting closed at 14:35 Hours by Toby VK3PNF.

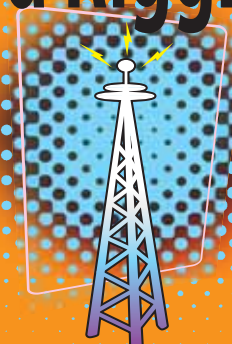
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40 METERS SAVES THE DAY... Continued from front page...

That night at around midnight we received about 170mm of rain in about 4 hrs. Needless to say our nice campsite turned into a small lake being about 20cms deep. Also the river rose a good couple of meters.

In the morning we woke up to a couple of very wet unhappy campers who had been floating in their camp for most of the night. They informed us that the Abbeyard rd had been blocked by a very large land slip and nobody could get out. They asked if we had a mobile phone but were very unhappy when I told them it didn't work down here. It wasn't long before I was sitting in the car with the Icom 706MK II G fired up on 40 meters. It wasn't long after tuning up I heard a couple of VK3s with booming signals rattling my speaker. One of those voices was a SADARC member Dave VK3FTBK from Goornong just out of Bendigo. After I filled him in on the situation he jumped on the phone to

the DSE. Of course they were flat out due to the extreme weather the night before. He then contacted the SES who seemed a little happier to help. One of the things they asked for was contact details and I guess

showed up with a grader which the got bogged in about 30 seconds. A few hours later they were back with a D9 dozer that got things sorted out in less than 1 hour.



Contact with Dave was first made using a whip designed by FAMPARC in Paterson Lakes. But later on when conditions dropped a little I changed to a portable wire antenna the screws onto the 1/2 inch base. Its about 10 meters long making it a 1/4 wave length on 40m and the resonator near the top allows it to radiate very well on 80m also.

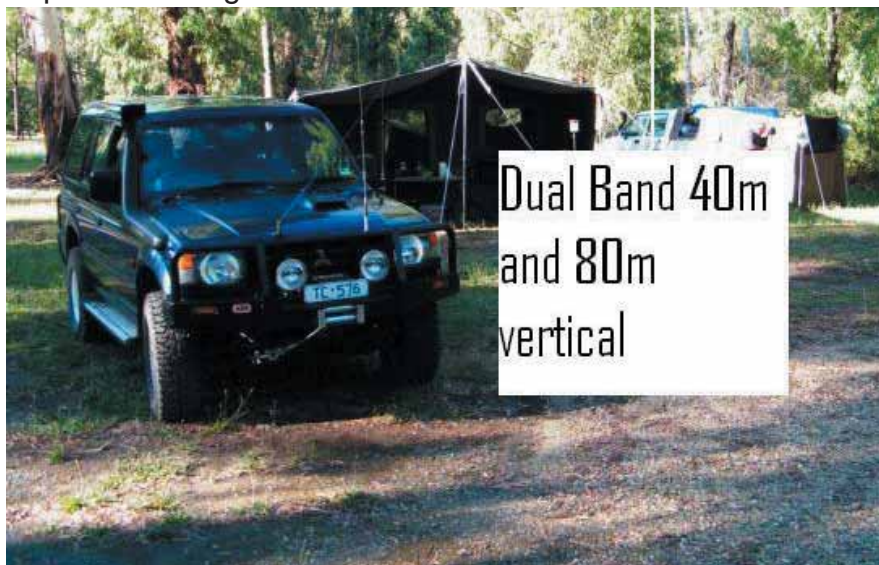
they were a little bit surprised when it wasn't a phone number but a call-sign and frequency.

Just another little way that amateur radio saves the day again. Thanks Dave for all your help that day mate.

Although I didn't actually get a call from them it was nice to know that they have the facility if needed. In the end I think the job was too big for the SES and the local shire

Cheers

Toby Corbett VK3PNF



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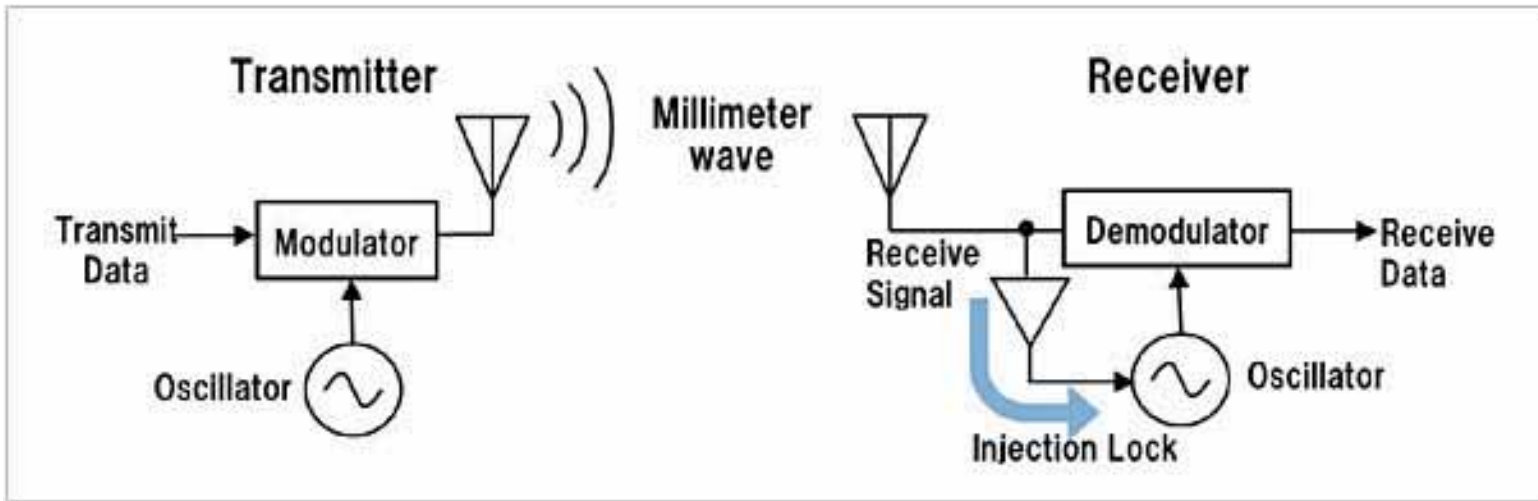
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Sony develops millimeter-wave wireless intra-connection technology



Source: <http://www.neowin.net/news/sony-develops-millimeter-wave-wireless-intra-connection-technology>

Sony announced the development of millimeter-wave wireless intra-connection technology today, according to a press release on Sony's site. The technology allows high speed wireless data transfer inside electronic devices. The way the system works is by replacing internal wires and circuitry with wireless connections, thus reducing the size of components and overall cost. Sony claims the new wireless technology will increase reliability, since there is no contact during the transfer of data.

Electromagnetic waves, ranging in frequency from 30GHz to 300GHz, are utilized to obtain ultra high speed data transfer. The press release notes "Sony has integrated highly energy efficient millimeter-wave circuits on 40nm-CMOS-LSIs (with an active footprint of just 0.13mm² including both the transmitter and receiver), to realize high speed, 11Gbps data transfer over a distance of 14mm using antennas approximately 1mm in size." Because of the small footprint, the circuits can be placed on one chip at a low cost.

Sony's new injection lock system allows for synchronized detection over small circuits, eliminating the Phase Locked Loop, which has been used for

synchronization in the past. The updated technology lowers power consumption, while maintaining an adequate transmission range.

No specific date has been announced regarding when products will adopt the new technology.

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WARNING



signs to look for, or else, You Might be Addicted to Ham Radio!!!

1. When you look at a full moon and wonder how much antenna gain you would need.
2. When a friend gets a ride from you and remarks that you have a lot of CBs in your vehicle, it turns in to an hour long rant on how ham radio is not CB radio.
3. When someone asks for directions, you pause, wondering if long or short path would be best.
4. When you can look at a globe and be able to point to your antipode (and you know what an antipode is).
5. Your cell phone ring tone is a Morse code message of some kind.
6. You have accidentally said your Amateur Radio call sign at the end of a telephone conversation.
7. Your favourite vacation spots are always on mountain tops.
8. You notice more antennas than road signs while driving your car.
9. You have driven onto the shoulder of the road while looking at an antenna.
10. Porcupines appear to be fascinated with your car.
11. If you ever tried to figure out the operating frequency of your microwave oven.
12. When you look around your bedroom of wall to wall ham gear and ask: Why am I still single?
13. The local city council doesn't like you.
14. You think towers look pretty.
15. Your family doesn't have a clue what to get you for Christmas, even after you tell them.
16. Your HF amplifier puts out more power than the local AM radio station.
17. The wife and kids are away and the first thing that goes through your head is that no one will bother you while you call "CQ DX" a few hundred times.
18. When you pull into a doughnut shop and the cops there on their coffee break ask if they can see your radio set-up.
19. You refer to your children as your "Harmonics".
20. Your girlfriend or wife asks: "You're going to spend \$XXXX on what???"
21. You actually believe you got a good deal on eBay.
22. When you see a house with a metal roof, and your only thought is what a great ground plane that would be.
23. You have pictures of your radio equipment as wallpaper on your computer's desktop.
24. Every family vacation includes a stop at a Ham radio store.
25. The first question you ask the new car dealer is: "What is the alternator's current output?"
26. You buy a brand new car based on the radio mounting locations and antenna mounting possibilities.
27. You have tapped out Morse code on your car's horn.
28. A lightning storm takes out a new Laptop, Plasma TV, and DVD Recorder, but all you care about is if your radios are okay.
29. Your wife has had to ride in the back seat because you had radio equipment in the front seat.
30. Your wife was excited when you were talking about achieving that critical angle, but very disappointed when you finally did.
31. During a love making session with your wife, you stop to answer a call on the radio.
32. Your wife threatens you with divorce when you tell her that you are going on a "fox" hunt.
33. Talking about male and female connectors makes you feel excited.
34. You dream of big, comfortable, knobs, but not on women.
35. You always park on the top floor of the deck, just in case you might have to wait in the car later.
36. When house hunting, you look for the best room for a radio shack and scan the property for possible tower placement.
37. When house hunting, you give your Realtor topographical maps showing local elevations.
38. The real estate agent scratches his head when you ask if the soil conductivity is high, medium, or low.
39. You have Ham radio magazines in the bathroom.
40. When your doorbell rings, you immediately shut down the amplifier.
41. Fermentation never enters your mind when "home brew" is mentioned.
42. Instead of just saying no, you have said "negative".
43. You have used a person's name to indicate acknowledgment.
44. You become impatient waiting for the latest AES catalogue to arrive.
45. You have found yourself whistling "CQ" using Morse code.
46. You always schedule the third weekend in May for vacation.
47. You walk carefully in your back yard to avoid being close-lined=.
48. You have deep anxiety or panic attacks during high winds or heavy ice.
49. You and the FedEx/UPS men are on a first name basis.
50. You really start to miss people that you've never seen.
51. Your exercise machine is a Morse code keyer.
52. You walk through the plumbing section at the hardware store and see antenna parts.
53. Your neighbours thought you were nuts when you ripped up your lawn to bury chicken wire.
54. Your next door neighbour thinks that your wife is a widow.
55. Your wife has delivered meals to your Ham shack.
56. If you sold all your Ham radio equipment, you could pay off your mortgage.

