



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

Volume 3, Issue 6,
August 2007

SADARC

SHEPPARTON & DISTRICT AMATEUR RADIO CLUB

IRLP for Mt Gwynne



VK3HKH helping set up the software for IRLP for Mount Gwynne 439.650mhz Repeater, the node number is 6997

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Newsletter

Editor - Lisa Laffan

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THE PRESIDENTS REPORT

AUGUST 2007



Hi To Everyone,

The Comms day is not far away, we still need to talk it up on the air, at this stage Daryl VK3KL is very concerned about the lack of table bookings, we are hoping that we may have a late run for bookings before the event.

Thanks to Norma "SWL", I received a voice message via my mobile phone that our next meeting is the 1st September 2007, this is the 1st Saturday in the month, somehow I did not pick this from

a previous weekly broadcast that stated the monthly meeting was a day before the Comms Day, anyhow we all make mistakes, thanks Norma for making me alert to the mistake. **Please note the next meeting is the first Saturday in September being the 1st day of September.**

Membership numbers are down, we have 53 Financial Members at this stage, this is approx 20 down on the last financial year, this is obviously a reflection on the way I conduct the Club's business, I know that my way of running your club is different from the norm, but members need to reflect on how far we have come in the last 2yrs, it has been a very positive out come, and basically I have completed what I set out to do over the last 2 yrs, It is time for someone to take the club to the next level, this indeed may not be an easy task, but very achievable. The Club may also want to look at the way we accept new members, the Executive should probably look at accepting new members on the basis of the future potential a new member can bring to the Club, I think its probably better for the Club to move forward with members that are going to support Club, it needs to be positive rather than finger pointing or non supportive, members need to realize how much time and driven Kilometers the executive puts in to support your club and its activities in providing a positive outcome for the club, not an easy task when the majority of the executive lives far and wide from Shepparton.

are vacant, nomination forms will be available at the next meeting and also at the back of this newsletter, you must be a financial member to nominate, and we look forward to receiving your nomination.

The Monday Night rebroadcast on VK3RGV is very disappointing with the amount of support we have had with check ins, we had 7 on the 13th August, this indeed is not good enough, Neil VK3KAL spends a lot of his own time in providing us with this Broadcast, lets get behind him and support all his hard work, who knows it may disappear?

Thanks to Kane VK3HKH for conducting the RD Contest at the Clubrooms, I unfortunately did not make it to the Club Rooms; from all accounts it was very successful, well done.

Congratulations to Les VK3TEX for being successful in the QSL Card design competition, well done also to all the other members that took the time to submit a QSL Card design.

Alan presented the club with 4 boxes of past history at the last meeting, and guess what, I found some of the original club emblem patches in perfect condition, I still have 20 left for purchase at \$5 each, they will be available at the next meeting

73s Roger VK2RO

NEWS FLASH SHEPPARTON

New Vertex Standard
(Yaesu)
Dealer Appointed

For All of your Yaesu needs
sales & service

Angus Communications
22 Adams Street
Shepparton
Vic 3630

Tel 03 58219155

October is our AGM, all positions

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

CLUB NEWS

AND THE WINNER IS...

SADARC
SHEPPARTON & DISTRICT AMATEUR RADIO CLUB

VK3SOL
SHEPPARTON DISTRICT AMATEUR RADIO CLUB
SHEPPARTON CITY

VK3SOL

Australian Amateur Radio Club Station

Location:
Mooroopna Scout & Guide Hall
Echuca Road, Mooroopna,
Victoria, Australia, 3629
Website: www.sadarc.org

The winning design for the VK3SOL QSL Card.
Designed by Les Tatar.



Charlie Vella vk3tcv will soon have a 2nd 40m 3 element antenna.

A picture IS worth a thousand choice words.

“There’s only one good one i can think of!!!”



A teacher is explaining biology to her 4th grade students. “Human beings are the only animals that stutter”, she says. A little girl raises her hand. “I had a kitty-cat who stuttered”, she volunteered. The teacher, knowing how precious some of these stories could become, asked the girl to describe the incident. “Well”, she began, “I was in the back yard with my kitty and the rottweiler that lives next door got a running start and before we knew it, he jumped over the fence into our yard! “That must’ve been scary”, said the teacher. “It sure was”, said the little girl. “My kitty raised his back, went ‘Fffff, Fffff, Fffff’...And before he could say ‘F’ off”, the rottweiler ate him!”

Ham Radio and Travel outside Australia

By Bruce VK3QC & Muriel VK3BJO Plowman

on Australia, we only stayed for 4 days with them, and then headed for Phoenix in Arizona (the state east of California, and south of Nevada. Both of these states are on the east side of the Sierra Nevada (Snowy Range) which run almost 650 km down the eastern side of California from North to South and vary up to 11,000ft in height. The range is almost entirely granite and some parts are snow covered

frosty morning. Because of the climate it has over the years attracted a very large number of people from the North-eastern States such as New York, which are very cold in the winter and humid in summer, as a result of being to the east of The Great Lakes and because the prevailing winds in the Northern Hemisphere are from the North West, these Huge lakes, which collectively contain one

administrator and hailed from Pennsylvania which has a high proportion of Dutch descendents. She was (is) a down to earth, no nonsense lady with a very good clear thinking mind who "tells it as it is". They had a nice older style home which had some real treasures of Western American history. She did a great deal to help Muriel learn and adjust to the social side of American life, and taught her that she had every right to have an opinion and gave her the confidence to express herself.

We have visited them many times, and always looked forward to our visits with them.

Nick and Ethel owned a small (by US standards) Dodge Motor Home which were exchanging for our home in Oz, and our Ford F100 utility and 18ft caravan. They were to go out to Australia a few months later, and we were to come back and pickup the MH, for a month, when it was their turn to have our house.

After a few days we left to go back north to Portland, Oregon, for our second exchange and on the way we were camped overnight in Bertha in the desert in Northern Arizona, and as usual we had the two metre transceiver running while we were having breakfast at the tail board of the station wagon, when there was a Races Ham Network announcement telling all hams that Mount St. Helens in Washington State, just a few miles across the border from Portland, Oregon, had erupted and

year round. The slopes are quite long on the west side of the range and fairly abrupt on the East side. As a result, the winds from the Pacific ocean travel up the western slopes, dropping rain or snow, gaining speed as they go, and then they take a long distance to come back down again, causing large desert areas in Nevada and Arizona. Phoenix the capital of Arizona, is within this desert and it has a very low average rainfall and high summer temperatures averaging 117 F at mid-day, and "crashing" way down to 90 degrees at about midnight, with humidity averaging between 3 and 5 percent. Coming out of an air-conditioned house and taking a deep breath, is quite invigorating just like a

quarter of the worlds fresh water, act as an enormous evaporative cooler, and the moist air dumps a lot of heavy snow storms on the these states. Our exchangers in Phoenix, were Wayne (Nick) and Ethel Nichols. Nick at the time of his retirement a few years before had been an executive at Honeywell, a very well known Electronics Manufacturer. Their products included their new computers which were top class and were more used for commercial use. They were also involved in avionics and radio and other contracts for the Defence Dept. Nick was originally from Kansas and had a Kansan drawl, and a wonderful dry sense of humour. We got on very well. Ethel had been a hospital



B r u c e

Continues from No 6.

When we left the San Francisco area we headed down the Pacific coast road Highway 1 to Los Angeles which is a little less than the distance between Melbourne and Sydney, and is for the most part a winding road following the shape of the coastline. Our first destination was San Bernardino which is East of the centre of Los Angeles, and about 40 miles inland from the coast on a Highway 15 which runs from San Diego, site of a major USA Naval Base, on the Californian coast near the Mexican border, up to Las Vegas in Nevada, the next State east of California. At San Bernardino we visited and stayed for few days with Bill and Lee George who a couple of months later would be leaving to go to Australia to use our home and caravan. Bill and Lee were very experienced home exchangers, and they went abroad most summers with exchanges in Turkey (several times) the UK several times, and other destinations in Europe. As they were both teachers at the local High School, they were able to go away for about 6 weeks each year, and they gave us a lot of very useful information on the benefits and ethics of exchanging. As it was only a "get to know us" visit, and for us to be able to give them a lot of maps and info

FOR SALE

HP Laserjet 4SI Network printer, this printer DOES have the print server built in, printed manual supplied..

600 dpi, plus Built-In HP RET. 2 MB Standard, upgrade up to 34 MB. Input: Two 500-sheet paper trays handle Letter, A4, Legal, Executive. Optional 100 envelope tray handles Com 10, Monarch, DL. Optional high capacity 1500-sheet paper feeder.

Output: 500-sheet upper bin. 50-sheet rear tray. Correct order output. Output bin full sensor. Optional 2000-sheet output stacker.

25 MHz Intel 80960 RISC Processor, 17 ppm.

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Two Font Cartridge Slots, 45 PCL Scalable Typefaces. 35 Optional PostScript Typefaces. Font Scaling: Intellifont, True Type, Type 1.

HP Enhanced PCL 5. Additional language support: Adobe PostScript Level 2; Proprinter/Epson. Automatic language switching (PS, PCL). Bi-tonics parallel, MIO 5.1. Automatic I/O switching. Optional JetDirect card, ask our Sales department.

Job offset. Optional Duplexing unit. Power-Save mode.

Paper Jams on the top feed but can be fixed with a good service. Comes with toner and some paper. SERVICE NEEDED!! It is a heavy and large unit approx 36Kg. Pickup only. Toner readily available on eBay etc for around \$30 per cartridge!!!

\$100 ono or may swap for radio gear of similar value.

Kane
VK3HKH
kfacta@mcmedia.com.au

FOR SALE

Items for Sale

Yaesu FT-90R Micro Mobile VHF/UHF Dual Band FM Transceiver in excellent condition comes with original Box, Manual and service manual, MH-36 DTMF Microphone, YSK-90 Separation kit and RT Systems Radio programming software and interface cable \$450

Contact Roger VK2RO On 0401255300

One With The Lot

Yaesu FT-817 all mode portable transceiver in mint condition, HF/50/144/430mhz

Would suit new buyer, comes with the following.

FT-817 Second Edition Reference Book

Ct-39a Packet interface cable

CT-62 Cat Interface Cable

Yaesu MH-36 DTMF Microphone

Elecraft T1 Auto Antenna Tuner with FT-817 Remote Interface Cable

Heil Dual Boom Traveller Microphone head set

ATX/AT80 6M-80M portable Antenna

After Market Front Stand

Comes with original Boxes and manuals

Replacement cost of the accessories approx \$750

Sale Price \$1000

Contact Roger VK2RO

Power Tech MP3099 New Bench Top Power Supply Linear not switch Mode 13.8v @ 35amps \$170.00

Contact Roger VK2RO

FM-900 (FM91W) Fully programmed UHF CB Radio with remote head, in very good condition \$90 Contact Roger VK2RO

Sky Watcher Reflector/EQ1 Mount and clock drive Telescope on a tripod, 114mm x 900mm in excellent condition, comes with 3 eyepieces 20mm/12.5mm/4mm and finder scope, original paperwork

\$175 Contact Roger VK2RO

FOR SALE

FOR SALE

ICOM 730 HF All band Transceiver in top working order complete with instruction manual, microphone and power leads. \$400 the lot

Contact Les VK3FLGL
Phone 0358211946 Shepparton

VX-170 Hand held

The VX-170 is a high-performance FM hand-held, providing adjustable RF power up to five watts and a wealth of convenient features for the 2-meter amateur band.

Additional features include Wide-coverage Internet Repeater Enhancement System, transmit Time-Out Timer, Automatic Power-Off, Automatic Repeater Shift, Programmable RF squelch and many other exciting and desirable features.

SUPPLIED ACCESSORIES

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NC-88B Overnight Battery Charger (10-Hour) YHA-68 Antenna Quick Draw Belt Clip

Operating Manual

Warranty Card*

Supplied Options

VAC- 370 Desktop Rapid Charger

CD-26 Charger Cradle

E-DC-Cigarette Lighter Cord.

*All of the items listed were purchased on 12/09/2006 and, except for checking their operation on delivery, have never been outside of my radio room or performed any other function. They are therefore new in every sense of that term. The balance of warranty for the Transceiver (S/N 6H121114) is current until 12/09/2007.

PRICE: \$280.00

CONTACT: John Carrodus VK3CJA
TEL :03 5866 2551
EMAIL:vk3cja@internode.on.net

CTCSS TONE SQUELCH

The concept of tone squelch is simple. A low frequency audio tone, typically between 67 and 254 Hz, is added to the transmitted audio signal. The receiver's loudspeaker is then only enabled when a designated low frequency tone is received. This keeps out interference from other sources that would open a regular signal level based squelch system. It also allows several groups to use a common channel without overhearing each others conversations. The tones are generally chosen to fall below 300 Hz because those frequencies are not necessary for speech communications and do not interfere with it. They can be filtered out before reaching the receiver's speaker and since the listener doesn't hear the tone it is sometimes called sub-audible tone squelch. There are many tone encoded squelch systems used in commercial FM radio systems, however CTCSS is the most commonly used standard in amateur radio. The Continuous Tone Coded Squelch System also goes by trade names such as; Motorola's "Private Line" or PL system introduced in the early 1960s. GE / Ericsson's "Channel Guard"; E.F. Johnson's "Call Guard"; and RCA's "Quiet Channel". In the early days the US military initially adopted 150 Hz as their tone.

Commercial users soon realised that several groups of users could share a single radio channel if each group used a different audio tone. The receivers in each group would open squelch for transmissions from others in their group but remain closed when other groups used the frequency. This cuts down the amount of chatter that other users have to listen too, as well as keeping conversations relatively private. Since users in other groups aren't aware of when someone else is using the channel, a method is required to block transmission until the channel becomes free. A method called Transmit Inhibit on Busy is often used where a regular squelch circuit detects when the channel is busy and if the tone does not match the user's group it will inhibit transmissions. Transmission is allowed only after the channel goes quiet for at least 5 seconds or so, indicating an end of the other conversation. The radio may emit a warning sound to inform the user that they are trying to talk over an already busy channel. Some radios will even automatically look for an alternate clear channel when the user wants to talk to a multi-channel base station. About 38 different tones are commonly used, with additional tones added by various manufacturers. These tones were designed to

avoid common interference frequencies such as 60 Hz hum and it's harmonics. In Australia/NZ we need to be careful not to choose tones that are related to 50 Hz. There has been suggestion that another anomaly is occurring, and that is "The Phantom 123 Hz" which is associated with many crowded communication Sites all using 123 Hz and the tone bleeding into one another's systems making the hole deal of blocking IMD's counter productive. 123 Hz was always a popular choice of tone in the past as it's well away from the 50 Hz and it's harmonics; it has reasonable immunity to false triggering from speech; it's still a relatively low tone that makes audio filtering easy at the speaker while it also decodes at a reasonable speed as opposed to lower tones like the suggested 91.5 Hz replacement. Also consider that low tones take longer to decode than high tones and may introduce unacceptable lags in opening and closing the squelch. On the other hand, high tone frequencies may be triggered falsely by the low frequency components of speech signals or become clearly audible in the receiver. Unfortunately CTCSS comes at a price - it doesn't work well on the very weak signals amateurs are accustomed to hearing, needing a reasonably good signal to

noise ratio before opening reliably, although my experience with the SIGTEC-C1103 decoder to be an extremely sensitive device! Despite this drawback many repeaters are using CTCSS to block out LIPD (Low Interference Potential Devices) and inter-mod interference, or to activate special crossband or IRLP links. CTCSS encoders and decoders come in various forms. Early tuning fork or reed methods are now obsolete. Oscillators and detectors can be built with discrete components, however the frequency must remain very stable (less than 0.5%) - a difficult job in a mobile! Analog ICs like the NE566 & NE567 tone generator and detector can be used with care. Modern integrated circuits offer a wide selection of frequencies, are physically small, and offer high stability by deriving the tone frequencies from a single crystal reference. Manufacturers of such chips include; CML Microcircuit (UK), SIGTEC (Signal Technology, Australia), and COMM-SPEC (Communications Specialists, USA). Current generation radios often use a digital signal processor to handle CTCSS as well as many other squelch and signaling techniques. [Mark- VK3BYY and Neil- VK3KAL](#)

<http://www.bom.gov.au/>

The link to the Australian Bureau of Meteorology has been progressively up-dated and re-arranged, with the rain fall and wind radar being converted from Analogue to Digital operation. With the new structure, there is virtually nothing lacking which concerns present and forecast rain, wind, flood, temperature and satellite views of cloud movements.

The charts can be expanded from

64km to 128km to 256km radius from each Radar site, and from these a very good view of rain precipitation as it was from 30 minutes ago to now. This allows for calculating the direction and speed of travel of the cloud mass. You can now superimpose or remove roads, railroads, rivers, lakes and topography. It is a site which I visit several times a day, and it just got a whole lot better. It is worth spending

a bit of time to check it out. You will find it just great in helping you decide whether you have time to take the dog for a walk, before the next showers!! You can even print out, or save to disc, the screen as you see it.

Ham Radio and travel continued...

asked hams who could help, to register and then stand by for calls if needed [I will just diverge a bit here. RACES, (Radio Amateur Civilian Emergence Service) similar to the Oz WIA Wicen, has for several years had an emergency communications system, where by all repeaters they want to trigger, will come on for emergency traffic. They have a long strip of stations most of the way down from Washington State taking in Oregon, Nevada, Arizona and California.. After any traffic has finished, any individual stations can then call into the nearest Repeater and get further info].

As Mt. St. Helens was between two of our exchanges in Portland and in Yakima in Washington, we were naturally very concerned, so we kept our 2 mx rig running all the time, even overnight.

On our way north, we spent a few days site- seeing the Hoover Dam and Las Vegas. This was the first of many visits we made to these two spectacular venues over the next 20 years, and in that time we saw great changes in both.

The Hoover Dam which was designed and built in the 1920-1930s was intended for the control of flooding and supply of water and power to parts of Nevada, Arizona, and Southern California and was completed in 1935, just three years later than our Sydney Harbour Bridge. It was an enormous project which in those days had to use equipment and skills that were new to such a massive project. The dam wall is semicircular and is built into the native rock on both sides and the bottom. The curved shape means the tremendous pressures of the weight of water up stream from the wall tend to force the structure sides further into the rock, thus making it very secure. The road across the top of the wall is two way, 1700 feet long, and 726 ft above the original river bed. On the down stream side of the wall are power station buildings, built into the river bank containing the hydroelectric generators and the water outlets feeding into the river.

Visitors are taken down to these power stations by elevators inside the concrete wall. For more info see <http://www.sunsetcities.com/hover-dam.html> this site is well worth viewing if you have, or can access, a computer.

The Colorado river on which the Hoover Dam is situated is something to which we do not have an equivalent here in Australia. Our second longest river, the Murray is 2575 Km (1600 miles) river distance long, Its starting altitude is 335 metres (1100 ft) above sea level, and its average discharge is 0.9 cu/m per second. The Colorado river is 2,330 Km (1,450 miles) long, starting altitude is 2,700 metres, (9000+ ft) and its average discharge is 620 cu/m per second! It starts on the Western Slopes of the Rocky Mountains, and flows through Colorado, (Colorado is Hispanic for Colour Red) Utah (where it flows 217 miles through the Grand Canyon), Nevada and California and finishes up in the Gulf of California, in north-western Mexico.

For more on this very interesting river system, see:-- [http://en.wikipedia.org/wiki/Colorado_River_\(U.S.\)#Elevation_summary](http://en.wikipedia.org/wiki/Colorado_River_(U.S.)#Elevation_summary)

We continued on from the Hoover Dam into Las Vegas, in Nevada which is only a short distance up highway 95 (which goes all of the way from the Arizona/ Mexican border at San Luis to Eastport in Idaho on the Canadian border, a distance of 1574 miles (2533 km) it joins up with British Columbia highway 95 at the Canadian border and goes another 204 miles (329 km) [Over the next 20 years we travelled Route 95 many times in our travels from the south to the north (and vice versa) and ultimately covered all of it except for one short section in Idaho. More on highways and roads etc in a later episode]

One of our Canadian friends has described Las Vegas as a “ deadly serious fun place”, which we found to be an accurate description. People from all over the world have come to this City in the Desert to throw

aside their inhibitions, at prices which are ridiculously low for food, accommodation and sightseeing. Rather than camp in Bertha we decided on a Hotel suite which in 1980 cost us \$25! Meals were also cheap with several choices of cooked food and “repeats” no extra charge for Breakfast, starting at \$1.99 per person. If we wished we could order just ONE meal and ask for a spare plate, and share the meal, and still have more than was good for us! Brunch or Lunch was Buffet style from 10 am to 2 pm, and we decided what, and how much we wanted for \$2.50 per person. Dinner from 5 pm to 1 am was \$3.50 pp with top-ups or repeats no extra charge. For drinks, water, tea, or coffee, were no extra charge and the coffee would be topped up until you placed your hand over the cup. Alcoholic drinks were a quite different matter. For these they charged like a “wounded bull”.

Admission to virtually all of the attractions including an in-house circus, or gambling and card games, and all outdoor shows was free, and you could operate gambling machines for from 5 cents up to \$1000 per play!

All the major hotels and attractions operated a free shuttle bus service 24 hours a day, which would take you anywhere on “The Strip” at no cost. They also ran from each Hotel to the airport on a twice hourly basis, also free. Behind most of the major attractions were huge free car parks, and some even had large parking spaces for Motor Homes or Car/caravan combinations for 2 nights free, with power, water, TV and sewage hook-ups included. All of this in a warm to hot, dry climate with summer temperatures ranging from 80 F to 107F and winter from 60F to 80 F. Humidity varied from 15% to 3%. On our first visit nearly all of the attractions were on “The Strip” but over the years these spread out to cover a very large area, and were more and more grand and ornate, like hotels will 3,500 rooms! Most of the hotels also included “games” such as cards, gambling, dice etc.. Crime was, and

Ham Radio and travel continued...

is, a problem but the authorities, City, County and Federal, were very evident and tough on those who stepped out of line. The only gambling we did was to put a "quarter" (25 cent) coin into a machine and pull the handle. This was an old style machine where you put in your coin. Punched up the symbols you wanted, and then pulled a long handle on the side of the machine, at which the rollers in the face of the machine, rotated and the stopped "at random, and you have either won or lost on that round, so you put in another coin, and again pulled the handle, and so on. It was interesting to watch the combination of boredom and hope on the clients faces as they did this. If the rollers did not stop individually, but all rotated together, the machine rang a bell, and a whole bunch of coins fell into a tray and you took your winnings, or started the same process all over again. Talk about a fool and his money!!!

http://upload.wikimedia.org/wikipedia/commons/8/80/Las_Vegas_by_Night.jpg

After two days we headed north on Route 95 again. The first night we stopped at rest area near Beatty about 110 miles north of Las Vegas, and next day visited the old Silver mining Ghost City of Rhyolite 5 miles to the NW of Beatty. This is a genuine Ghost town, with only the hotel /post-office/ coffee shop still operating. It was very interesting to be able to compare the lifestyles of the early miners, with our 19th century Australian miners.

We did not realise until the next day, in Beatty, that a present day Australian miner had bought into a new mine which was still being developed near Rhyolite. His name was Alan Bond!

Yes that Alan Bond, so there is little we can safely say about that mine, other than to say that it's future was to be just the same as other similar ventures in Oz!! From Beatty we continued north and the next night we stayed in another town connected with early mining, but had managed to stay alive, mainly as a stopping place on the long desert road. Tonopah named after an early Red Indian tribe who had centuries before controlled that area of "The West". Its main street, about a mile long, varied in elevation from 6,250 ft to 5,960 ft! It was kind of steep! In the winters it was very cold, as we found several years later. That night we camped in Bertha in a flat area across from the hotel, which had a good coffee shop. After we had ordered, Muriel went "to the bathroom" and I was idly looking around the room., when I noticed a family of 4, Dad, Mum, and a boy and a girl, at a table about 30 ft. away starting to eat their meal. I got up and casually walked across to them, and as they looked up I asked "how are things in Australia?". The mother who was very nice started to tell me, and her husband stopped her and said "How do you know we are Australian" To which I replied " In Tonopah in Nevada when a family slashes tomato sauce on their potato chips and then use both knife and fork to eat them, they just HAVE to be Australians!" (Americans cut their food into small pieces, then put the knife down, and transfer the fork to their right hand to eat. It is ok to use the fork either way up.) They were all staggered, but took it in good part. I went back to our table as Muriel was back, and told her about the other people. She of course wanted to meet them, so when we had eaten

we went over and asked if we could be of any help. Turned out they were part of a busload of "tourists", and the kids especially had lots of questions about things they had seen, and about words they did not understand, so we had, as our American friends would say "a nice visit with them" for a couple of hours before we headed back to Bertha. By the time we were active next morning, their bus had gone. As a matter of interest they had paid \$19,000 (Australian) for the 21 day round trip. We paid less than that for our whole year

A few miles out of Tonopah in the desert was a very large Military Aerodrome, to which no one could get admittance. The camp on the drome was completely self-contained and all the "Tonopahprians" were intensely curious, and some rather bitter, that they were not allowed to know anything about the place.

We found out years later that the facility was the place where the development work and testing on what was later known as the B2 "Stealth" Bomber was being done. When we went through Tonopah 3 years later, the planes were being test flown, but were heavily guarded in the air by other aircraft, which would "dive" and flat fly around any vehicles that tried to stop to observe them from Highway 95. Several flew over our Van about 50 feet above us. Scary!!

If you are interested, go to http://en.wikipedia.org/wiki/B-2_Spirit#Development See you next month with more.

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Annual subscriptions: Member: \$20.00

Those members who joined on or after 31st Jan 2007 their membership will continue till next year. But donations are gratefully accepted.



SADARC Inc

PO Box 692, Shepparton,
Victoria 3632
Incorporation No A6677

WIA Member Y N

Thank You For Your Valued Patronage

MINUTES OF AUGUST MEETING

Shepparton and District Amateur Radio Club Inc. A6677S. Minutes of monthly meeting held on Saturday 4 August 2007 at the Mooroopna Community Hall, Echuca Road Mooroopna.

The president Roger VK2RO opened the meeting at 1310 hours and welcomed all present including new members and guests. Roger also indicated that following general business, Pat VK3OV will give a presentation on the construction of a dipole antenna, and Les VK3TEX will demonstrate to the meeting the correct way to terminate coax connectors.

Present: Roger VK2RO, Duncan VK3MDC, Danny VK3FDTH, Daryl VK3KL, Angela VK3FELT, Graham VK3ACK, Rodney VK3UG, Les VK3TEX, Terry VK3FTHS, Bill Crocker SWL, John VK3FHJM, Helen Mullins SWL, Peter O'Connor SWL,

Brian VK3HBW, Alan VK3FALN, Les VK3FLGL, Ed VK3BG, Wayne VK3XQA, Allan VK3AYD, Terry VK3FTED, Ron VK3COP, Max VK3DSF, Rob VK3FMAC, Kane VK3HKH, Pat VK3OV, Neil VK3KAL, Jac VK3TJS, Lars DL8TUX (visitor from Germany).

Apologies: Bill VK3DWG, John VK3PXJ, David VK3ANP, Rob VK3ECH, Jan VK3ALF, Nandor Barabas SWL, Ray VK3RW, Max Matthey SWL, Norma Matthey SWL. Moved: Ron VK3COP, seconded: Terry VK3FTHS and carried.

Treasurers Report: Bank account statements were not available at the time of the meeting. The following accounts were submitted for payment: Hire of Cherry Picker Kane – Connectors for radio room Mitre 10 – ironwork

Moved: Danny VK3FTHS, seconded: Alan VK3FALN and carried.

Inward Correspondence:
Invoice from Andrew Cuthbert Tree Services for hire of cherry picker. Payment from Les VK3TEX for the purchase of world clock. Amateur Radio – July 07. EMDRC Bulletin.

Outward Correspondence: Nil.
Business arising from minutes of last meeting:

Delay issue of newsletter: This was going to be difficult for the newsletter editor due to other commitments. Rodney VK3UG suggested that the newsletter could be prepared as usual but not sent out until the third week of the month. Roger VK2RO to discuss this with the editor. A motion was also made to read the previous minutes at the meeting. Moved: Les VK3TEX,

MINUTES OF AUGUST MEETING cont...

seconded: Neil VK3KAL and carried. VK3SOL QSL Card competition – to be discussed later.

The October visit to the Watsonia Signals Museum will be reviewed at the next meeting.

Les VK3TEX indicated that there were no further developments on the upgrade training at this stage.

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

General Business:

RD Contest: The contest will be conducted on the 11/12 August and members will operate from the club radio station in Mooroopna. Members wishing to participate should be at the clubrooms by 5.00pm on the Saturday. A BBQ will be provided.

Comms Day: Daryl VK3KL indicated that only 16 tables had been booked so far and that there had not been a good response from traders at this stage.

Jac VK3TJS requested two additional ladies to assist in the kitchen, and indicated that funds were required to purchase food etc.

JOTA 2007: Jota will be held on the 20/21 October and members will be required to assist at the clubrooms as in past years.

VK3SOL Patches: Roger VK2RO offered VK3SOL patches for sale to members and he received a good response with many being sold.

Equipment Sale: Danny VK3FDTH proposed that an FM900 2m radio

and a TS520S HF radio that had been donated to the club, be put up for sale to members.

Moved Danny VK3FDTH, seconded Terry VK3FTHS and carried.

Mt Wombat: Terry VK3FTHS proposed a vote of thanks to Neil VK3KAL and others for their work on the repeater on Mt. Wombat that has greatly improved the repeater performance.

Neil VK3KAL gave the following report on the Mt. Wombat site:

Kane 3HKH, Ange 3FELT and Neil 3KAL installed a temporary coaxial collinear antenna that Neil constructed of around 4.5 dBd on the old mast at Mt. Wombat for the RGV 2m Voice repeater while the new Polar antenna was giving poor performance possibly due to faulty manufacture.

The design of the temporary antenna is similar to the 6 dBd Polar (which is still mounted on the newer Nally Tower) and awaiting warmer weather to remove and repair as required later this year (possibly October)

The results of the temporary antenna Neil made for this job are better than he expected with many reports from far and wide giving excellent coverage bar a couple of exceptions possibly due to other towers on Mt.Wombat being in the way, as the temporary antenna is mounted much lower than usual on the old mast!

Neil called for a pre fire season working Bee (Spring Clean) in October due to

warmer conditions on Mt.Wombat and Roger 2RO suggested we have a BBQ open day to be held at the same time on Mt.Wombat that seem to go down well with the club members. Neil asks that members bring brush cutters and the like to help clear up bracken and other such weeds growing on the site.

Guest: Jac VK3TJS introduced Lars, an exchange student from Germany to the meeting. Lars' German call sign is DL8TUX and he has applied for an Australian call sign for use while he is in Australia. Roger VK2RO welcomed Lars to the meeting.

QSL Card from Iraq: Roger VK2RO circulated a QSL card he received from Iraq. He also circulated photos of his new 40M-beam antenna being erected at his QTH.

Presentation by Pat VK3OV: Pat VK3OV gave a presentation on the correct way to make a dipole antenna.

Presentation by Les VK3TEX: Les VK3TEX gave a practical demonstration on how to correctly terminate coaxial connectors.

Both presentations were well received by the meeting and Roger VK2RO thanked Pat and Les on behalf of the members present.

VK3SOL QSL Card Competition: Members voted on the VK3SOL QSL card designs submitted by members, and the winning design was one submitted by Les VK3TEX.

The president Roger VK2RO closed the meeting at 1540 hours.

The Hormone Guide

Women will understand this and the men should memorize it!

DANGEROUS:	SAFER:	SAFEST:	ULTRA SAFE:
What's for dinner?	Can I help you with dinner?	Where would you like to go for dinner?	Here, have some wine.
Are you wearing that?	Wow, you sure look good in brown!	WOW! Look at you!	Here, have some wine
What are you so worked up about?	Could we be overreacting?	Here's my paycheck.	Here, have some wine. Here, have some wine.
Should you be eating that?	You know, there are a lot of apples left.!	Can I get you a piece of chocolate with that?	
What did you DO all day?	I hope you didn't over-do it today.	I've always loved you in that robe!	Here, have some wine.

Nomination forms for the election of Office Bearers for SADARC Inc

Shepparton and District Amateur Radio Club NOMINATION FORM



SADARC Inc. NOMINATION FORM

Shepparton and District Amateur Radio Club Inc. # A6677

For the election of officers

Date: _____

We wish to nominate: _____ Call: _____

For the position of: _____ of SADARC Inc: _____

Nominated by: _____

Nomination accepted by: (Nominee) _____

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