



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

Volume 3, Issue 6,  
July 2007

# SADARC

SHEPPARTON & DISTRICT AMATEUR RADIO CLUB

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**Newsletter**

Editor - Lisa Laffan



Roger VK2RO braved the elements to install the Beam  
Antenna at the club rooms on a very cold and wet Saturday.  
More pictures on page 7.

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# THE PRESIDENTS REPORT

Hi to all the readers,

Well plenty of activity at the last meeting and a good turnout of volunteers to assist in the working bee.

The TH3 Beam was placed on top of the pole at the last meeting with the assistance of a cherry picker, yours truly braved the rain and cold conditions and installed the beam, many thanks to the helpers that also braved the weather. The radio room was also under attack with paint brushes and paint, the legs are being made up for the operating bench and hopefully the

Radio room may be fully operational at the next meeting, a special thanks to all that contributed in the working bee.

RD Contest Saturday 11<sup>th</sup> August 2007 start time 0800 UTC, we are going to conduct our operations from the club rooms for this event, a roster system will be drawn up, if you are interested in participating please contact myself, come along and use our call sign VK3SOL even if you are not licensed you may use the equipment and call sign under supervision at the club rooms, have a crack at 20mts, and naturally the Barby will be on the go during the course of this event.

SADARC Ham Fest 9<sup>th</sup> September 2007 same place same start time 10.00am, now is the time to start talking it up, we only get one opportunity to top up the cash account, your support is imperative, if you need to book a table please contact Daryl VK3KL he will be delighted to accept your booking.

The Club received a tentative invitation to join the Vintage Radio Club in a proposed outing to the Army Signal Museum at Watsonia on the 14<sup>th</sup> October 2007, I don't have the cost of this outing at this stage, and I will investigate and report back at the next meeting.

50<sup>th</sup> JOTA a special event this year, its also a 2 day event, 20-21 October 2007, we will be conducting this event from the club rooms volunteers are needed please let us know your intentions to participate.

Non financial members, this will be your last newsletter, to date we have had a poor response with the renewals, \$20 is not a big ask, consider the general running costs and maintenance of the repeaters and also the added benefit

of being a member of the club, please if you have overlooked your renewal now is the time to become financial, we don't issue renewal notices, the renewal notice is in the back of the newsletter.

Max VK3DSF has indicated with the assistance of others, he will run an introduction to radio/electronics course, for this to happen we need at least 6 starters, the course would be run on non club days, can you indicate to Max if you are interested in taking part.

Les VK3TEX needs expressions of interest for members to participate in an upgrade program from Foundation to Standard License, Les has spent a lot of his time in putting together his notes to assist in your upgrade, he needs to know numbers before this course can take place, please let us know if you are interested, sooner rather than later.

VK3JNC Ian provided at no cost to the members some boxes of goodies, and I may say, I was quiet impressed with the selection of new/old stock that was on hand, the members had a field day, special thanks to Ian, for those members not at the last meeting some of the items on offer are still available for your perusal at the next meeting.

VK3DWG Bill created quite a stir at the last meeting; he came along with some very nice and well maintained Radio and Electronics equipment surplus to his needs, Bill donated all of his offerings to the club for an auction on the day, we had a bit of fun with this auction, the outcome was in excess of \$400, congratulations to Bill for his generosity, I can tell from a members point of view and my own, your club support if overwhelming, well done Bill.

Well that's it folks, enough from me, 73s Roger VK2RO President

## NEWS FLASH SHEPPARTON

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## FACTS & FALLACIES

The most common sources of interference on overhead high voltage power lines have been covered in this article. Before concluding, however, we should look at a few lesser known problems, and explore a few facts and fallacies.

On Single Wire Earth Return lines, most interference can be attributed to defective surge diverters or lightning arrestors. Due to the style of construction on these lines, loose hardware rarely causes a problem. Disc insulators, being under so much tension in these circumstances, make reliable contact via the couplings. The leakage path therefore is continuous.

Where other wires, such as Telecom lines, share the poles it is quite possible to induce many thousands of volts into them. Consequently, poor joins or leakage paths in these or similar nearby wires, can create interference just like the leakage paths on high voltage lines.

On the lower end of HF hands it is quite possible to hear interference from power lines many kilometres away, either by direct radiation or by reflection from the ionosphere. The power lines may contain resonant lengths at HF frequencies and therefore are very good radiators. Under these circumstances, interference is unlikely to be found directly, but, in the course of solving someone else's interference, perhaps some severe television interference, it may be solved.

Interference from high voltage power lines may be detected over a wide range of the electromagnetic spectrum heard above 500 MHz. In general, PLI will peak at round 40 MHz.

PLI may be conducted for many kilometres along a line and low frequencies will not radiate a great deal at any one point, but will travel only a short distance at VHF frequencies along the *fine* and radiate most strongly very near the interference source. At low frequencies the line acts as a very lossy transmission line.

PLI due to corona discharge occurs more on higher voltage lines and is exacerbated by any sharp projections on the line, such as an upright cable-end tail. It is not a major cause of interference and, when heard on radio, is softer than normal interference, generally increasing the background level of interference in an area.

Often PLI will increase towards and during the early evening and then will suddenly stop. At nightfall, moisture

or dew will form on the insulators and PLI from the whole high voltage supply line structure will increase due to the reduced resistance of the leakage path between phases. In time the moisture penetrates into the areas where sparking occurs and bridge the spark gaps, quenching the sparks and, hence, the interference.

Transformers, which are normally very visible, are often blamed for causing a manner of interference, yet they are remarkably trouble-free. Only a handful are found to be defective in any one year; sometimes none at all. However, due to the quantity of hardware on poles carrying transformers, the chances of interference on such a pole are certainly increased. Interference caused by power transformers can occur throughout the normal radio and television frequencies or may only be detectable up to a few megahertz.

Finally, we should not forget that related to high voltage PLI are interference problems caused by neon or sodium street lights and their associated automatic switching systems. When these lights are near the end of their service lives, they produce an interference characteristic which can be radiated or conducted via power lines and may severely affect broadcast radio and, sometimes, television reception. Domestic fluorescent lights can, of course, cause the same interference. The more usual course of action is to replace the offending lights because they will have lost efficiency.

Equally, interference can be caused by the street light sensing switches, commonly known as photo-electric cells, which control the lights depending on ambient light conditions. These photo-electric cells may become faulty, like a thermostat, and fail to switch 'properly' or remain in an arcing condition.

## POSTSCRIPT

This approach to interference problems and their prevention has had to be fairly broad. No doubt it will be apparent that many sources of RFI exist in our modern society, apart from high voltage PLI, which are likely to affect us individually at some time.

These sources include computers, calculators and microprocessor-controlled business or domestic machines, citizens band, commercial radio communications or amateur radio services, industrial process control and radio frequency systems, including medical radio frequency heating systems (for

example, diathermy machines) and common domestic equipment, such as small electric appliances and tools, even some solid-state temperature control systems used with water beds.

DOC's role is to equitably manage the shared use of the radio frequency spectrum for the common good. This means that there need to be reasonable rules concerning the levels of wanted and unwanted radiation from devices capable of transmitting radio frequency energy, as well as standards of immunity against the unwanted effects of radio frequency energy.

Electromagnetic compatibility between electronic devices operating in reasonable proximity to each other is obviously important. For this reason DOC already has a number of technical standards, applicable mainly to radio-communications systems, and is working towards establishing further standards under the Radio communications Act 1983 to, among other things, control interference problems. Interference suppression can be complex or simple, but it is fair to say that all radio frequency interference can be suppressed or overcome in some way, however that's another story.

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# Ham Radio and Travel outside Australia

By Bruce VK3QC & Muriel VK3BJO Plowman



Muriel continues from No.5.

Bruce was doing some furniture repairs one day while we were still at Rothwell's home and there was a phone call which I answered. A quiet male voice asked if I was Muriel and then said "My name is Fred and I am WB6EMV. I would like to call and meet you and Bruce. I'll be over your way this afternoon if that would be convenient." I began to give him directions but he said he knew the area well and how to get there. He also said that he would be in the "company" car and would not be able to stay very long.

At lunch I told Bruce that we would be having a visitor, Fred WB6EMV. (He later became N6FME) After lunch Bruce went back to his repairs. About an hour later there was a knock on the door and I opened to find a CHP Officer standing there with a big grin on his face. "You're Fred?" He laughed and said. "I surely am Ma-am, and you're Muriel" Bruce had seen the Black and White police car (Fred called it his Friesen) in the drive and came in to find out what was wrong. He didn't notice Fred sitting in one of the armchairs at first. That is how we met Officer Fred Metcalfe of the California Highway Patrol and was the beginning of a nice relationship. Fred would call in when on patrol in the area. We were invited to visit him at home and meet his wife and 8 year old daughter. We were to learn that it wasn't a thing to invite anyone to his home very often. He tended to be a private man. Never wearing his uniform from home and never bringing the patrol car there at all. As far as his neighbours knew, he just worked for the State.

We learned a lot from Fred about the CHP. For instance, it was in fact the State Police force and that highway patrol work was only part of CHP work. They were (are) responsible for all State security work, the escorting of VIP's, living in, or visiting California. He also explained the structure of Police Forces within the USA. As he explained it (in 1980), the Principal Police structure is the Federal Bureau of Investigation (FBI), (Equivalent to our Federal Police) at the next level are the various

State Police forces, which include the State Highway Patrols, which cover all of a State, with jurisdiction over, in turn, the County Police, called the Sheriff's Dept. (a County is a legal subdivision of a State, very roughly equivalent to our Shires), and then at the bottom of the ladder, City Police. At the time we were talking with Fred he explained the huge problems and jealousies that existed between City and County Police. He illustrated this by telling of, say, pursuit of a suspect vehicle by a city Police car. If the suspect vehicle left the city boundary it then became the responsibility of the County Police, who may not have a vehicle in the area which

the County border.

The first major modification to these rules allowed the State Police to initiate a "chase" in a city or a county, without having to get permission from, or offer it to, City Police or Sheriffs. It was apparently OK though for the higher force to hand the case over to the lower level for action against suspects.

Fred had been drafted into the Army in the Vietnam War and was seconded to the Military Police. When he returned home, the Californian State Police were looking for experienced Police Officers, and he applied and was accepted. He stayed with them until his retirement. He deliberately

town or city, and ask the local police or CHP officers where to find an over-night "freebie" camp spot, and when setting up for the night, if possible, park the vehicles facing in the direction of exits, in the direction we wanted to resume travel next morning, to be oriented in case of fog or overcast conditions. Also, to do any vehicle checks before settling down for the night to pre-fill fuel tanks, water etc.

If there are residential neighbours nearby, go and introduce yourselves, and ask them if it is OK with them if we stay the night in that spot. (This was a very good tip, as many times the people would offer overnight parking and power hook-ups, and we would ask if we could take them "out" for a meal. We made many nice friends this way, with some of whom we still keep in contact. We would even ask at a restaurant if we could stay in their parking lot, and we never had a refusal, as to them we represented extra security for the premises after they closed. This always gave us access to power and water. (Of course we would buy our meal there).

If we saw any vehicle crashes, any obviously illegal or dangerous events, call on 2mx and ask Hams to phone the Highway patrol, or City Police or sheriffs giving info such as where, when etc., the events occurred. Do No try and help, as this may involve us in harm, or legal proceedings, or even make the situation worse. Tell the Ham to give the police our names and registration details.

When going into any remote areas, report before hand, to any Police Station or National Forest Service Headquarters, where we would be going and when we expected to be out of the area, and then report again at the other end when finished our trip.

Under no circumstances stop and pick up people on the Major roads. If we felt we were needed, we



could take over the chase. Strictly speaking at this point the chase should cease, and any details the City patrol car had would have to be passed to the County Police Office, giving them the responsibility (and the kudos) of catching the offenders. Because of the obvious problems, the City Police could pass the chase over to the CHP, if they had a vehicle available. In the event of having to "hand over" the chase, but the vehicle which was to take over from the City Police had to travel to make the swap, the City Police could still follow the suspect until the swap was made, but could take no action to intercept or restrain the fugitive, and if the pursuit caused an accident involving an innocent party, caused by the fugitive or the pursuing car there was no legal protection provided for the City vehicle crew. Following this logic, it was also the responsibility of the sheriffs to hand over to the CHP, who in turn could only follow to a State border, and then pass the chase over to the State Police in the next State. The Sheriffs could, if they wished, hand over to CHP before

remained in the Officer ranking, (roughly equivalent to our Constable) as he did not want the hassle and "politics" of higher ranking. In nearly 30 years of service with the CHP he never drew his gun on a "client". He always was a reasonable and pleasant guy who was more concerned with law and order, than the scoring of points.

Bruce resumes:

We also learned from Fred, a lot of ideas for safe travelling, such as not stopping overnight in Freeway Rest Areas, but to go into a





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

Kane  
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**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  
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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.  
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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  
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Power Tech MP3099 New Bench Top Power Supply Linear not switch Mode 13.8v @ 35amps \$170.00  
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FM-900 (FM91W) Fully programmed UHF CB Radio with remote head, in very good condition \$90 Contact Roger VK2RO

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Phone 0358211946 Shepparton

**45th WEDDING ANNIVERSARY**

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Married on July 20th 1962  
Congratulations, best wishes and all our love from  
Kerry, Glenn, Marcus, Kate, Chloe, Jake & Sam.  
David, Heather, Holly & Lawrance, Lisa, Mark, Catheryne, Tim, Damien, Olivia & Jay, Nathan, Cameron, Amanda & Jeremey,  
Rick, Lyn, Janita & Jayden & all the kids of the four legged variety you have at home!!

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# Ham Radio and travel continued...

should stop a couple of hundred yards beyond the persons, and let them come to us. Stay in the car with the motor running, doors locked and partly wind down the window to talk to them, but being prepared to drive off if we didn't feel comfortable.

To always remember that it is the driver's responsibility to decide whether he/she is fit to drive. If you are ill, overtired, have vehicle faults etc., get right off the road until you are fit to proceed. Police will conduct you to a safe place if you want help, and will give you (in most cases) 8 or 12 hours to stay.

There were many other important rules we learnt of the years, and not once in all of our travels in North America (which included Canada and Mexico) did we feel "at risk" from other people.

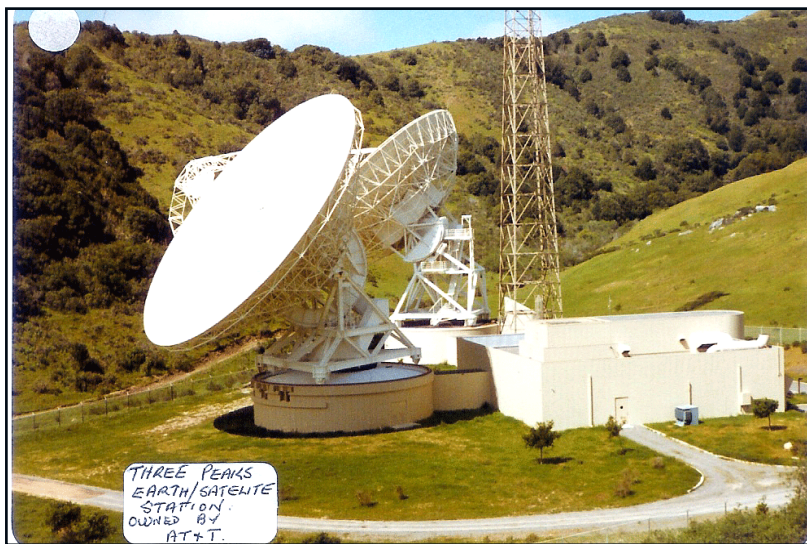
It was interesting to learn that every incorporated town or city would have its own Police force with a Police Chief and his Officers. We once stayed with the nephew of our friend Russ Benner, KA6CTU, of Hemet Ca, Carl was the Police Chief of Buffalo, a very small town in Wisconsin, on the eastern side of the Mississippi River. He was also the Fire Chief, Chief's Deputy and State Animal Ranger. The total population in 1986 was 32, all were related to each other with the exception of Carl and his family. His wife was Town Secretary. These were all elective positions, and as all of the related people did not want to have to do Council business with their relatives, Carl was the only choice. All of the positions carried their own salary.

As Ranger, he took us both out on the mighty Mississippi River in his small boat to check of the activity of Beavers on the river bank. It was a breezy day, and I was wearing a towelling hat with my call-sign above the brim. It was blown into the water and immediately sank. So if you hear a rather watery "CQ Australia" you will know where it is coming from. Here is Muriel again:-

We spent quite a lot of time between "engagements", site seeing in the coastal area around Inverness and Mt Tamalpais. These included a huge wooden fort at Fort Ross, a few miles north on Highway from Inverness and was right on the coast overlooking the Pacific Ocean. It was built by Russians in the 19th century to protect their whaling operations. It has been very well restored over a period of years and we were able to wander through the buildings. It is hard to imagine people living right on the Pacific coast, with all of the heavy winds and rain, and still being able to carry on their whaling operations. The Fort was surrounded by a 20ft high Wall built from logs cut from the surrounding forest, with sharpened tops and had heavy barricaded gates. Within this enclosure was a parade ground surrounded by all of the

buildings, which even included a Russian Orthodox Chapel.

One foggy morning in Inverness, we decided that it was probably just a local fog, so we packed a picnic lunch and headed for Mt Tamalpais. The mountain dominates the northern area of the Bay and is a part of the Golden Gate National Recreation area. Our route to the Mount was along the shoreline which would take us through the Eucalyptus Forests, (yes Australian Gum Trees which were imported from Australia in the 1800's to make ties (sleepers) for the new rail roads, and also later for making furniture) to a road which would take



us to the top. This road is closed in the summer, but we were in luck. It was still open. It was a winding, climbing drive of about 9 miles with steep gullies on both sides, which took us to the main access road to the summit of Mt. Tam which ran along the tops of the ridges for another 6 miles to the car park. To the West the country fell away in a jumbled mess of gullies, hillocks, meadows and woods right to the Pacific ocean 2000 ft below. It was easy from here to visualise the enormous earthquake upheavals that have gone on for millions of years (and more yet to come). East-ward the ground also fell away, but here we overlooked hills, mountain pastures and the lakes of the Alpine section of this lovely area.

Mt. Tamalpais has 3 peaks. There was a steep path leading from the car park to a Fire Look-out Tower and from here there is a full circle view of San Francisco, The Bay, and Ocean from 2570 ft. We had taken our lunch with us, and while we ate, we watched the Larkspur/San Francisco Ferry arrive at its berth at San Rafael, just past San Quentin Prison. We enjoyed looking down upon the San Geronimo valley through which we had driven many times from Inverness to San Rafael and on to the City. To the South, were the City Skyline and southern beaches on the other side of the Golden Gate, (the opening to the sea from the Bay), and to the east of the city, Oakland, Berkley and Richmond.

North, we could see the top end of San Pablo Bay with Novato and Bel Marin Keys. Behind

us to the west were the other 2 peaks of the mountain. Middle Peak had a mass of antennae, including that of the repeater which we used with the courtesy of the owners whilst we were in San Francisco area. (in the USA a large percentage of the repeaters are privately owned and maintained., to the extent that the hobby of the owner was just that! [Of course we have a few examples of that right here with Daryl's setup, as an example]). Beyond that was the US Navy's Radar station with its twin white domes, which can be seen from many miles around, and really do pin point Mt Tamalpais from any direction. At nearby Three Peaks is a

Satellite Station where George Cunningham K6LZ worked, and we visited him there at his invitation.

This Station handles ship-to-shore, telephone, and overseas TV and Video relays via Satellites positioned above the Pacific. The emergency power plant at 3 Peaks was a jet aircraft engine driving generators. They were housed in a huge part of the main operations building. Not only was its output rated in Kilowatts, but also in Decibels!

So far in our travels we have only touched on the San Francisco area of Northern California. Just a few miles east of San Francisco is Sacramento the Capital City. The whole State of California is roughly half the area of our NSW, and today has a population of 36,458,000 compared with NSW's 6,800,000 and Australia's 20,434,176 (July 2007 est).

Last financial year the California GNP was greater than that of the whole of Australia.

Only 43.8% of the population are classed as White. There is a huge proportion of people referred to as Hispanics meaning Mexican. This term is used to bracket Mexicans of Spanish ancestry or American Indian origin (or mixed origin). Many of these people are legal immigrants or descended from legal immigrants, but there is a very great number who are illegal. An attempt was made a number of years ago to find out just how many illegal immigrants of all types, there were in the USA by offering immunity, from prosecution for a period of 12 months if they came forward. This was so successful that the 12 months period was twice extended, but finally, after over 12,000,000 people had come forward, the scheme was dropped. At that time there were an estimated equal number who had not come forward. The western states of the USA have been heavily influenced by the Spanish. Many places and features such as mountains, rivers, lakes etc carry to this day Spanish names, such as San Francisco, Los Angeles, Rio Grande (River), Sierra Nevada, etc.

It is time now to move further south so next month will see us heading that way. See you then.

bplowman@westnet.com.au



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](mailto:newsletter@sadarc.org)

# CLUB NEWS



Daryl, Kane and Roger arrived at the club rooms at approx 8.20am in the morning followed by Les and Ron, we checked the antenna and coax cable ends were fitted, the rotator had to be wired and tested in preparation for the installation of the Rotator and Beam, The cherry picker was booked for a 9.30am start, by 10.00am no cherry picker, just as I was about to ring the company he turned up, he had gone to the wrong hall, anyhow the young operator was

very professional with his approach to his job, I was soon up in the air and installing the rotator firstly followed by the beam, it was bitterly cold and raining, a short time after I had installed the rotator Duncan arrived and took some photos, the job was complete by approx 11.20am and time for the Barby, Daryl always does a good job with the snags and onions, 73s Roger VK2RO

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*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,  
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Incorporation No A6677

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Thank You For Your Valued Patronage

## GREAT TRUTHS THAT LITTLE CHILDREN HAVE LEARNED:

1. No matter how hard you try, you cannot baptise cats.
2. When your mum is mad at your dad, dont let her brush your hair.
3. If your sister hits you, don't hit her back. They will always catch the second person.
4. Never ask your 3 year old brother to hold a tomato.
5. Never hold a dust buster and a cat at the same time.
6. You cannot hide a piece of Broccoli in a glass of milk.

## GREAT TRUTHS THAT ADULTS HAVE LEARNED:

1. Raising teenagers is like nailing jelly to a tree.
2. Wrinkles don't hurt.
3. Families are like fudge, mostly sweet, with a few nuts.
4. Todays mighty oak is just yesterdays nut that held it's ground.
5. Laughing is good exercise, it's like jogging on your inside.
6. Middle age is when you choose your cereal for the fibre, not the toy.

## GREAT TRUTHS ABOUT GROWING OLD:

1. Growing old is mandatory, growing up is optional.
2. Forget the health food, I need all the preservatives i can get.
3. When you fall down you wonder what else you can do while your down there.
4. Your getting old when you get the same sensation from a rocking chair that you once got from a roller coaster.
5. It's frustrating when you know all the answers but nobody bothers to ask you the questions.
6. Time may be a great healer, but it's a lousy beautician.
7. Wisdom comes with age, but sometimes age comes alone.



# MINUTES OF JULY MEETING

Shepparton and District Amateur Radio Club Inc. A6677S. Minutes of monthly meeting held on Saturday 7 July 2007 at the Mooroopna Community Hall, Echuca Road Mooroopna.

The President Roger VK2RO opened the meeting at 1305 hours and welcomed all present.

Roger thanked those who helped with the installation of the beam antenna earlier in the day. Roger also thanked Bill VK3DWG and Ian VK3JNC for their donation of equipment and parts to the club and he indicated that the equipment would be auctioned later in the meeting.

Present: Roger VK2RO, Duncan VK3MDC, Peter O'Connor SWL, Pat VK3OV, Max Matthey SWL, Bill VK3DWG, Les VK3FLGL, Ron VK3COP, Graham VK3ACK, Terry VK3FTHS, Ian VK3JNC, Rodney VK3UG, Ernie VK3BSD, Les VK3TEX, Daryl VK3KL, Max VK3DSF, Kane VK3HKH, Neil VK3KAL, Jan VK3ALF, Dan Matejic visitor, Terry VK3FTED, Neil VK3XNW, Jac VK3TJS.

Apologies: Ed VK3BG, Nandor Barabas SWL, Norma Matthey SWL, John VK3PXJ, Rob VK3ECH, Danny VK3FDTH, Angela VK3FELT, Ray VK3RW.

Moved: Les VK3FLGL, seconded: Pat VK3OV and carried

Treasurers Report: In the absence of the treasurer, the president Roger VK2RO presented the report on the club finances. The treasurer is to obtain a statement for the club account with Sandhurst Trustees. Moved: Rodney VK3UG, seconded: Max VK3DSF and carried.

Correspondence Outward:

Letter of thanks to Reg VK3ARB for his donation of equipment to the club.

Letter of thanks to Dr. Sharman Stone for the Government grant to the club.

Letter of thanks to Ben VK3FBGS for his contribution to the club.

Payment to WIA for Foundation Licence books.

Correspondence Inward:

Amateur Radio, Midland ARC Newsletter,

Department of Justice - Annual Statement.

Invoice from Lisa (Newsletter Editor) for postage and stationary.

QSL Cards.

Letter from Graeme VK2KE.

Email from David VK3ANP indicating that a tentative date for the visit to the army signals museum at Watsonia is Sunday 14 October..

Moved: Ron VK3COP, seconded Terry VK3FTHS and carried.

Business Arising from Minutes of Last Meeting:

Licence Upgrade Training: Les VK3TEX indicated that the training notes are almost complete, and he requested that Roger VK2RO include an item in the newsletter asking any foundation licence members who would like to attend training sessions for upgrading to the standard licence to contact Les.

QSL Cards for VK3SOL: Suggested designs for QSL cards for the club call sign VK3SOL have been submitted by Daryl VK3KL, Ron VK3COP and Lisa – newsletter editor. These cards were circulated at the meeting. Submissions close by the next meeting.

WIA Learning Facilitators: Roger VK2RO received a letter from the WIA indicating that not all the information originally requested is now required. Roger provided application forms and asked those members interested in becoming Learning Facilitators to submit their applications within two weeks. The working with children card is still required.

Comms Day:

Roger VK2RO has arranged "flyers" for the August edition of Amateur Radio.

Daryl VK3KL has sent invitations to traders and some positive responses have already been received.

Daryl VK3KL has also prepared a floor plan of the hall for table allocations and has also produced tickets with serial numbers for issue on the day.

Daryl VK3KL will be the central point for the hire of trestle tables.

Neil VK3KAL to record a message for the WIA news broadcast.

Terry VK3FTHS to make announcements at the Comm's Day.

Acceptance of minutes of the last meeting. Moved Duncan VK3MDC, seconded Max VK3DSF and carried

General Business:

Newsletter: Rodney VK3UG suggested that the newsletter be issued later in the month i.e. the third week of the month. This was to help members to be more familiar with the contents when they attend the next meeting. Moved Rodney VK3UG, seconded Les VK3TEX and carried.

Welcome to new Member: Pat VK3OV introduced a new club member Dan Matejic. Dan is to sit for his foundation licence before going to the Antarctic later this year. Roger VK2RO welcomed Dan to the meeting.

Assistance Treasurer: The president Roger VK2RO proposed that the club appoint Daryl VK3KL to a position of assistant treasurer. Moved Ron VK3COP, seconded Max VK3DSF and carried.

Training: Terry VK3FTED told the meeting that since obtaining his foundation licence he felt that the club was not doing enough to help him to progress further.

Roger VK2RO agreed that as a club we have failed in this area and more should be done in the future. This matter will be discussed further at the next meeting and members are encouraged to make suggestions on how we can improve in this area.

RD Contest: Roger VK2RO suggested that the club participate in the RD Contest and operate from the club radio station. Roger then asked for a show of hands from members willing to participate and a number of members showed their support.

Auction: Roger VK2RO conducted an auction of items of equipment donated to the club by Bill VK3DWG. The auction raised approximately \$400 for the club. Roger then thanked Bill for his generous donation.

The president closed the meeting at 14.50 hours.

**A bumper sticker purchased by Bruce Plowman says it all!**  
**Have you seen any bumper stickers that readers will get a laugh from? Send your images to [newsletter@sadarc.org](mailto:newsletter@sadarc.org)**

