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### *PRESIDENT'S NOTES (Cont).*

Many of you would have caught up with the news of the new 70cM repeater situated on Range Road North Upper Hermitage. At present it has been given the interim call sign VK5RKW and the Output Frequency is 438.050 and the Input frequency is 431.050. Note the minus 7MHz split. This repeater is linked to repeaters at Crafers 70cM VK5RAD, Murray Bridge 70cM VK5RMB and the Lobethal 2 metre VK5RAH repeater. Thanks to Dean, VK5HMY, and his band of helpers. The plan is to extend this network of linked repeaters further in the near future.

That's enough news from me for this news letter, wishing everyone good health. At least Hams have no excuse to become bored during this period of enforced isolation, we should be making good use of our radios. Hope to hear many of you on air over the next few months.

FOOTNOTE: Please make sure we have your current, valid email address.

*Phil Storr, VK5SRP. President AHARS.*

## **2020 CLUB PROGRAM**

DATE & TIME		EVENT	LOCATION
<u><b>(NB: All meetings and club gatherings are on hold until further notice.)</b></u>	2nd & 4th Fridays	Regular Luncheons (All welcome)	Blackwood RSL, Brighton Parade
	2nd Fridays	ALARA Luncheons	Contact Jean, <a href="mailto:vk5tsx@bigpond.com">vk5tsx@bigpond.com</a>
	2nd Saturdays	(CATS)*	The Shack
	4th Saturdays	Technical mornings (TBC)	The Shack
<p><b>Club Wireless Net on VK5RAD.</b></p> <p>From 8 pm to about 9:30 pm local time</p> <p>On Mondays and Thursdays.</p> <p>Receive frequency is 147.00 MHz, with -600 KHz offset.</p>			
NOVEMBER	Annual Buy and Sell (TBC)		
<p>*CATS = Coffee At The Shack (what else?).</p> <p>Also see the AHARS website :</p> <p><a href="http://www.ahars.com.au/upcoming-events.html">http://www.ahars.com.au/upcoming-events.html</a></p>			

### **2020 AHARS COMMITTEE**

**PRESIDENT :** Phil Storr, VK5SRP

**VICE PRESIDENT :** Barry Williams, VK5BW

**SECRETARY :** Vacant. (Jean, VK5TSX) acting

**TREASURER :** Pat Storr

**ORDINARY COMMITTEE MEMBERS:**

Jim (VK5TR), Geoff Southby (VK5TAW), and Greg Weaver (VK5ZBD).

## CLANDESTINE RADIO OPERATIONS IN THE CHANGI PRISONER OF WAR CAMP.

Below are excerpts from documents "RJB Changi typescript", submitted by AHARS member Geoff Bridgland, VK5JB.

The article was written by Geoff's father, who was in that camp.

The full article runs for 20 pages, and makes for most interesting reading, particularly because it was written by someone we can identify with.

It deals more with the management of this clandestine activity than the technical aspect, but that was equally (if not more) important, as it ensured the continuing success of that service. If you'd like a copy of the full story, please contact Geoff on: [Geoffb.100@bigpond.com](mailto:Geoffb.100@bigpond.com) or 08 8296 7496 .

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"The move to the (Changi) Goal area was accomplished in May, 1944.

The total of 11,7000 prisoners included about 5,400 British and 5,000 Australians. ...the remainder included 1100 Dutchmen, 50 Americans, and ... [some] Italians."

The camp administration was [initially] in the hands of officer prisoners, and included, inter alia, Major R.J. Bridgland (A.I.F.) camp engineer.

The prisoners were provided with a continuous news service through the operation of illicit radio receivers. Linguists within the camp enabled summaries to be made of broadcasts from several sources, including friends and foes. Consequently, all were aware of the cessation of hostilities before the Japanese saw fit to announce the fact.

On Australia day, 1943, a review of 3,000 members of the A.I.F., organised as a brigade group, was held on Selarang Barracks Square in the former Gordon Highlanders lines.....the Union Jack was displayed. It was deemed unnecessary to seek Japanese approval for the holding of this ceremony!

In establishing the main camp, "a considerable quantity of equipment of a non-domestic character was brought [in] under [prisoner's] control. Included in this were tools and equipment appropriate to the repair and maintenance of radio sets.

As Changi had been evacuated hurriedly (by the allies) during the [fighting] action on the island (ie, Singapore), a number of sets were discovered in buildings by our units on arrival.

It was not long—no more than a few days, in fact—before radio sets were being operated in places of concealment through the camp.

...concern about having too many sets operational, with the attendant security risk, led to "a reduction, after a few months, of the number of sets operating in the camp. Amalgamations of small (radio) enterprises gave greater facility in the matter of maintaining a continuous service. The Commander A.I.F., [therefore] had under his hand a pool of skilled technicians and such technical equipment and tools as could be acquired, from time to time, through the activities of the shadow staff. The prompt formulation and adoption of the scheme for control was in no small measure responsible for the fact that services were maintained until the time of the relief of Singapore.

..for two years [a particular] officer cheerfully accepted the responsibility for reducing a daily news service equal to , nay, better than the allied press".

....the most useful place of concealment of all was a gramophone. It was actually an electric amplifying gramophone using radio components and thus fundamentally "hot". But the amplifying equipment was housed in a wooden box beneath an ordinary spring-driven turntable, and the loud-speaker was fixed in a similar box, the two being connected by means of a flexible wire. There was room in both boxes for quite a lot of small parts which the maintenance men found were in most demand for radio replacements.

I was once shown a bathroom in one of the ...bungalows in which there was an electric light outlet in the ceiling and a switch on the wall. I was informed that if a battery were connected to the switch contacts, and a pair of head-phones plugged into the light outlet and the fixing screws of the latter turned with screwdriver, that the B.B.C. could be heard quite plainly.

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Further reading:

Major Bridgland's full article (recommended), and :

[https://en.wikipedia.org/wiki/Changi\\_Prison](https://en.wikipedia.org/wiki/Changi_Prison)

[Many thanks to Geoff—Ed]



# Not an everyday find: German Archaeologists came across a Russian spy radio

Not an everyday find: Archaeologists from the Rhineland Regional Council were amazed when they came across a Russian spy radio instead of Roman traces in the Hambach open-cast mine during excavations. Hidden in a large metal box.

"When the box was opened, it hissed," Dr. Erich Claßen, head of the LVR Office for the Preservation of Archaeological Monuments in the Rhineland, told journalists. In the container: a Soviet radio type R-394KM, code name Strizh, a digital HF spy radio.

It was developed in the early 1980s in the Soviet Union (USSR) and used by the countries of the Warsaw Pact in the final phase of the Cold War. It was the last model before the fall of the Iron Curtain in 1989 and the collapse of the Soviet Union in 1992.

The device has a digital news system and a digital frequency display. It was used by agents abroad as well as by special units and was available with Russian or English text on the front. The spy version is known by the Russian code name "Strizh" (English: Swift).



In the LVR-Landesmuseum in Bonn there is currently not only the mysterious radio to see. Under the title "Gods, Graves and Agents", spectacular finds from the year 2019 are on display until 29 March:

<https://bodendenkmalpflege.lvr.de/de/aktuelles/veranstaltungen/AusstellungAiR2019.html>

73, **Tom DF5JL**

**From Southgate Amateur Radio News**

## ALARA

Hello, from Shirley, VK5YL, Vice President of ALARA, the Australian Ladies Amateur Radio Association.

Nothing unusual to report from ALARA except that our ALARAMeet in Bendigo has been deferred to October 2021.

We still have our meetings on the radio and our AGM will happen on Monday 4th May, via Echolink as well as HF.

We are fortunate in that we rarely, well only once a month, have direct contact meetings so this self-isolation is not really affecting us YLs. Our President, Linda VK7QP is just finishing her 14 day isolation as she and her husband spent a few weeks travelling on the mainland in their caravan, then went home by ferry.

I'm having fun on the ANZA net, especially on Thursdays which are 'Ladies Day' and we'd love some other YLs to come and join us. The frequency is 14.183MHz at 0515UTC every day.

For more information on this, or any of the other subjects we've mentioned, please go to our website

[www.alara.org.au](http://www.alara.org.au)

Take care and stay safe.

33 Shirley VK5YL





## **DX-er's Column**

### **Two old AHARS' members become Silent Keys.**

Ron Coat, VK5RV, SK

June 1924-January 12, 2020

Ron's memorial service was held on January 17, 2020.

Family and friends, filled the small church at Upper Sturt. Also present were: Hans (VK5YX), and Lesley (VK5LOL), Paul (VK5PH), and myself (Ed.)

Hans placed a radio microphone on the coffin, alongside other symbols of Ron's life.

The eulogy was read by Ron's son, Ian, VK5ZIC. Sadly, Ron's eldest son, Graham VK4GLC passed away some years ago.

In the congregation was local MP Josh Teague, and former local MP, Stan Evans, and his wife.

A brief stroll through the adjoining cemetery showed that this area has been rich in Coats and Evans family members for many generations.

Ron started life in the Tramways as an electrical fitter. During the war Ron joined the RAAF and because of his technical skills became a radar mechanic as Australia was deploying a network of secret radar sites all around the coast. Ron's first deployment was to a site near Cape Jervis. After that, Ron was posted to the northern coastline and islands of New Guinea. While operating as a radar mechanic Ron worked under former AHARS' members Phil Williams (VK5PN) and Ron Holmes (VK5VH).

After the war, Ron joined the Commonwealth Lighthouse Service as a Lighthouse Mechanic where he continued for 40 years. This involved the building, maintaining and deconstructing of lighthouses around South Australia, Northern Territory, Queensland and for a time, New Guinea. Ron had many stories of events along that career that could have ended in disaster as the unforgiving sea was always a present danger. Notable among Ron's career was his involvement in the recovery and restoration of the cannons and ballast James Cook threw overboard when the HMB Endeavour ran aground near what is now Cooktown. Ron's skilled work can be seen at the National Museum of Australia, in one of the carriages he built to house the recovered cannons. Another notable activity close to home was the meticulous deconstruction of the lighthouse at South Neptune Island, so that it could be rebuilt in its prominent location on Black Diamond Corner, Port Adelaide.

Ron has always loved the sea, was a keen fisherman from an early age. He has always loved technology and amateur radio was a defining part of his life.

What a life he led! Many thanks to Ron's son, Ian for this excellent contribution—Ed.



*Ron and wife, Pat, as many will remember them.*

### **Marshall Emm Silent key : VK5FN / N1FN**

**Marshall was the first President of AHARS.**

Early members, including Hans, VK5YX, remember him well.

His home territory was Colorado state in the USA, but he worked in Adelaide for some years, during which AHARS was formed.

Shortly after the formation of AHARS (1983), Marshall became Examiner No 001, and Hans became Examiner No 002. Exam papers were generated from a randomising program written by Marshall from the then question bank, administered the exams, marked them and provided certificates to the candidates who passed. Morse Code tests were included too.

I (Ed.) had never met Marshall until, in 2013, along with my host, Rob, W3ROB, we managed to arrange a visit to Marshall's little factory in Aurora, near Denver. His factory made electronic and radio kits, and he had parts by the thousand, and a novel way to handle them, too (viz, a giant funnel).



*Marshall with budding young amateurs. The small black sign on the antenna tuner reads "VK5BAR"*

I emailed a local contact when I learnt of his death, and received the following reply:

"Fine Business John. Glad to hear that there are a few old timers left to remember Marshall; he's on your website\*, by the way, under life members: a young Marshall at the mic with the kids. I'm sure a note to his XYL would be appreciated. 73, Dick AB0CD."

[\* : <http://www.ahars.com.au/history.html> Ed.]

## Hearing is believing: MF-HF DAS reception status @ VK5BUG

### NB: DAS is Distributed Aerial System

Signal-to-Noise (SNR) enhancement is a key ingredient for ham radio reception, and many years of Low Bands' activity have helped guide my present Wireless Telegraphy station set-up for successful 160, 40, 30 & 20m operation.

There are five primary aerials in the system:

A roof-top 'Big Bore' helical for 160m transmission and reception.

40/20m ground-mounted vertical over 60 radials (with other connections previously described in detail, *AHARS Newsletter*, March 2015, pp. 4-5). Base tuned for dual band transmission and reception.

Low (2.1m/7ft off the deck) 30m/100ft perimeter, balanced feed, horizontal loop on wooden stakes around the perimeter of our backyard 'orchard' & chook run, for multi-band reception.

2-turn, 1.8x1.8m/6x6ft rotatable Frame Loop, balanced feed @ 3.4m/11ft off the deck, for multiband reception.

30m band ground-mounted vertical connected to the same extensive earth system as Item 2 above, for transmission and reception.

A knife switch has both loops connected to it via their respective balanced feedlines to a homebrew balanced coupler through yesteryear-style homebrew merchant marine copper rods. The coupler is connected to the coaxial turret switch as shown in the photographs.

I transmit on the four bands using their respective verticals and can of course also receive that way. The DAS adaptation results from being able to switch from any vertical to another for reception comparison, plus switching to either loop: all in the pursuit of improving SNR on any or all those bands.

No computer modelling was involved, only mathematical comparison predictions, and the low horizontal loop, having a 30m perimeter, is  $\lambda$  @ 30m and  $3/2 \lambda$  @ 20m for example, both useful relationships. Low horizontal loops have a proven history of being effective for Low Bands' reception. Since both loops have variable balanced tuning via the homebrew coupler, I can access improved SNR of two S-points minimum on all four bands. A very useful arrangement for a suburban allotment station.

160m QRN is no longer a major issue, the Frame Loop is able to null out 11kV powerline interference when it rears its ugly head and being able to peak signal reception with fingertip control is very desirable.

I made a simple hook with 61cm/2ft handle so I can push/pull the knife switch armature from my seated desk position and modified a Heathkit coaxial switch including a 70mm/almost-3ins knob for improved fingertip control as in the photographs.

It all works perfectly for my purposes and I am able to enjoy my yesteryear manual W/T station being a hobby focus. Old watts are as good as new watts (Kenwood TS-430S & Ten Tec 544 digital Triton transceivers) and 56 years of copying CW via headphones means I don't miss too many contacts. If I can hear them, I can usually work them, which is why the SNR enhancement is vital to minimise the frustration of missed or incomplete QSOs.

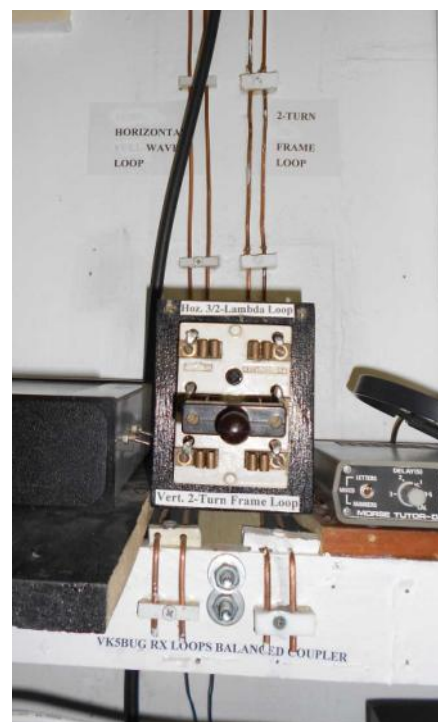
I share my ham radio activities in case it helps others attend to MF-HF operating difficulties without breaking the bank. 73 & stay safe, de Doc/VK5BUG



← Doc's setup.  
Note the knife switch at top centre,  
the homebrew balanced coupler, and his key collection, comprised of a standard key and three "bug" keys (patent pending),...

Close-up of the knife switch.  
See notes explaining the method of remote control. →

[Thanks Doc—Ed]



## QSL Corner

I've had a productive session today (April 25), managing to verify 9 QSOs with our club callsign, VK5BAR, on eQSLcom.. Most club QSLs are received and confirmed via eQSL.com these days. Hard copy QSL cards are rare now. (I do note that Shirley, VK5YL, sent some hard copy cards to the WIA Outwards QSL Bureau recently. Good stuff, Shirley). QSO's at The Shack.

There is a log book at The Shack, but it is often overlooked: Please record ALL QSO's made at the Shack, and please re-record those QSO's in the Shack log book. Check with Roy (VK5NRG) if you can't find it.

Also, most important, only use UTC when recording in the logbook. (If you don't know what the UTC is, please write in the Remarks column "LT" (Local Time). That will make life easier for the QSL Manager (me!!))

John Elliott, VK5EMI, AHARS QSL Manager.

## ESTATE REPORT

Thanks to those who have helped me with this time-demanding task; Barry (storage, testing and advice), Phil (pickup and storage, etc), Hans (testing), Norm (sales), and a recent offer by Geoff, VK5JB.

PROPOSED POLICY CHANGES: Currently before the committee for final ratification:

- *We do not guarantee any price or estimate on any gear or item. It is what we can get in the disposal of said item, and as such we will not be liable for any short fall in the price received.*
- *We as a Club need to bring items to a saleable condition; the time and cost of doing so is significant, the goods need to be in good condition and any illegal modifications reversed (more common than anyone realises) and if mains powered, tested to ensure that they are safe to plug into the mains.*
- *We will no longer be removing towers and structures; that will need to be done and sold by the client independently. Minor items such as components etc, may be accepted if they can be sold at B&S or on the back tables at Club meetings but will be by **donation only** to the Club.*
- *All standard valves will be **donated** to the Valve Bank for use by all Amateurs, but with no return to the client, with the exception of NEW (proof required) transmitting tubes for linear amplifiers (ie 3CX,4CX, 3-XXX, 5-XX, 572 etc), and after testing such items (if possible), any sales will added to the total return and subject to Club commission rules.*
- *The client will be handed a copy of the DEP to read and **must sign off** on the donation form that they have received, read and understand the content of it and that they will not hold the Club responsible for any short-fall in financial returns, loss, damage or other calamities that may occur, while the goods are in the process of disposal.*

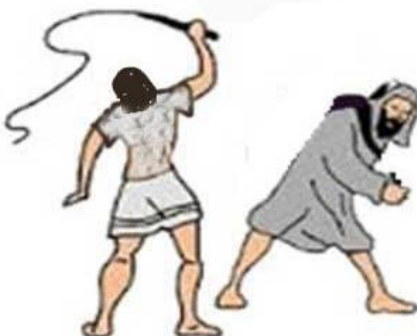
NB: The title of this service will change to a more general meaning, in closer accord with its future activities.

At the direction of the AHARS committee:

John, VK5EMI, AHARS Estate Manager.

## SERIOUS STUFF CORNER

**You WILL get your get your Advanced Licence....**



Former ham, Marlon Brando, KE6PZH and FO5GJ (SK), with his tuning device.  
Marlon's FO5FJ call relates to his QTH on the island he owned in French Polynesia.



# ANZAC Day

Trying Times.

In a departure from what readers might expect, this page is less about AHARS and radio stuff, and more about some major events that have affected all of us recently.

Time to pause and remember them, before moving on again with our lives:

Firstly—Fire, flood and plague.

For once, I find it hard to criticise our politicians. I think that they have done a grand job in addressing the serious situations that our nation has had to address in the past six months or so.

ANZAC Day. 2020

I think that this particular year will be remembered more so than most others:

Usually I (Ed), with my community choir colleagues, assemble at the Mitcham Memorial Gardens, to add our contribution to the Dawn Service on this day. Well, not this year. But we have done our bit to pay our respects.

Friends have done their own ANZAC vigils:

- Some friends of ours stood on the knoll that their house is built on, listening to the ABC, with their own candle burning, in honour of those who have made sacrifices for their country. After turning off their radio, the strains of “The Last Post” wafted up from the valley below.
- At our home, my wife and I remembered her father, who was injured in the sea Battle of Savo Island. He never fully recovered. We celebrated his memory with her ANZAC biscuits, memories of his time in the RAN, and then watching ANZAC stories and celebrations on the TV.
- The father of David, VK5NU, (who was in the Royal Navy) - was in the engagement with the German pocket battleship *Graf Spee* at the beginning of WWII. David himself did maritime service as a radio operator. but more appropriately for this article, did service in the SA Police Force controlling ANZAC crowds at the Blackwood and City events.
- Doc, VK5BUG, served in the RAN (Royal Australian Navy) in later years, and later with NATO, doing his important bit for our safety.
- There were many others—amateur radio people, and more ordinary folk - who have taken the risks to protect that which they value.

We will remember them. [Ed.]

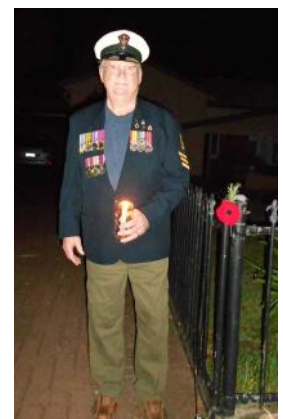
**A well-known club member  
in naval gear.**

Can you guess who it is?

Newly-promoted Radio Supervisor  
in the RAN in July 1971 .

← (note the Stobie pole.)

ANZAC vigil, April 25, 2020.





## KEEPING BUSY IN THE CURRENT CLIMATE. What some of our members are doing.

SUE (VK5AYL) : During isolation, I've been working on changing my website from Wix to Wordpress. Richard has been working on the model railroad (HO) in the shed and he's railroaded me ☹️ into building kits, here's a picture of my first one. This is a roundhouse for engines, it only has 3 doors. Roof still needs glueing.

I'm also playing with sites data from across the world to make the Parks & Peaks app international. I'm also learning how to program an Arduino. Oh and got tested for COVID-19, it was negative but had to isolate for 2 days. Richard moved into the caravan!! ☹️



DOC (VK5BUG): "This morning (ANZAC Day) I have worked VK3XU Drew Diamond @ home, VK3DBD, VK1WMI & AX2BHO all out & about/QRP, and from my AX5BUG callsign, all on 40m & with QRN 4-5 making the 3 portable stations very challenging contacts."

Before that, Doc and his wife Ingrid had also done the Dawn Front of House ANZAC Vigil. Ingrid had made 3 poppies for the vigil.

Doc is also building up a scale model train setup.

"I am also enjoying finishing & fitting out a 1/19 scale NAAFI tea & scones cart, and a train ferry for the 'Between Wars' military wharf model railway layout. " (Note Tommies sitting on the ferry, and the heavy ordnance to the left.)

*[Lookin' forward to seeing this setup when it's finished, and the tea and scones—Ed.]*



DEAN (VL5LB): I have had three Sailor T1130 amplifiers for some time. Barry BW said he would look at what was required in commissioning them. He drew up some notes and I downloaded the manual for them and the R1409 switch mode power supply. Then I brought them home and have been working on them. One is up and running just fine. It switches band filters with a rotary switch.

The other is switched by the software defined radio. That one has a crook PA transistor.

They have three stage amplification with 50-100mw in for 500 watts out. The final PA uses 2 x TH430 which are 250 watts each.

Lots of work but worth it.

Cheers Dean, VK5LB.



Hi John!

Hope you and yours are keeping well.

We're certainly keeping well and not at all bored!

Here's a bit of a ramble from the southern suburbs.

Some things that keep us occupied...

Regular morning walks along the creek in the Marion Linear Park here at Hallett Cove - with Barney the dog.

The garden; Lesley just loves planting new bushes, trees and plants, I mow a bit and am replacing some of the old railway sleepers that are rotting and being consumed by termites. There's the occasional trip to Bunnings and other suppliers for more potting mix and MORE plants.

We do our food shopping on Tuesdays, that being the quietest day of the week.

The evening meal is the highlight of the day - Lesley keeps coming up with great ideas, some of which involve me getting outside and operating the BBQ in the howling gales and rain! The Bread and Butter Pudding dessert last night was fabulous, and a glass of wine cheers us along as well.

We're reading books too, a bit more than usual, and there's Scrabble and Jigsaws too.

Also, because most of our family connections are interstate there are chats on the phone and video media.

Then of course there's Ham Radio! An old "boat anchor" (FT-902D) being refurbished - nostalgia & exercising the memory as to how it can be made to work better. The internet is really useful in that respect, as well as consulting knowledgeable members of AHARS.

Lesley has decided to learn Morse Code! She's using a phone app that gradually gets you used to hearing the characters at operating speeds.

The TV gets a good bit of use too; keeps us in touch with latest stuff about the Virus - good news and bad news. Locally it's looking encouraging.

73 from Hans VK5YX  
and Lesley VK5LOL



*The attached pictures show Hans putting a new plug on a microphone cable and Lesley practising her Morse!*

VK5EMI:(Editor) The "extra time" from having less club work was quickly taken up with other jobs which had been waiting to pounce upon me from the wings:

AHARS WORK: Estate work, QSL's and this newsletter.

AT HOME: I am doing repairs to our timber deck structure. 35 years of sun and rain have damaged the wood, and it's time to repair the rotting timbers before I make an unintended rapid long- distance descent to the ground far below.

SELF-EDUCATION: I'm reading "Mother Tongue", by Bill Bryson. Think you know English? Well, I thought I did! Do *you* know what a lipogram is? Well, I do (now).

CLUB/SOCIETY: I continue my work with my other love—The Hills Choral Society. We have a weekly on-line newsletter, and practise at home using audio files on Dropbox.

AUTOMOTIVE: I have finally fixed a nasty problem with our car, caused by a dodgy Battery Isolator. I now think I know all about them. If you have one—best of luck with it! Contact me if you'd like more information on them.

***[Thanks to the above for their contributions—Ed.]***

# Adelaide Hills Amateur Radio Society Inc

## GENERAL INFORMATION, NOTICES & CLUB CONTACTS

### Club Projects

Saturday morning technical talks.  
Details from Roy Gabriel, VK5NRG. Ph 8278 2522.

### **Amateur Radio Licence Study Courses and Examinations Foundation, Standard and Advanced Licences.**

Please See Club Program For Dates  
**Location: The Shack, Blackwood.**

Contact Sasi Nayar VK5SN  
0417 858 547 or email [vk5sn@wia.org.au](mailto:vk5sn@wia.org.au)

Club Wireless Net on VK5RAD  
Listen to or join in on Monday and Thursday nights  
from 8 pm to about 9:30 pm local time.  
Receive frequency is 147.00 MHz, with -600 KHz offset.  
Net Controllers: VK5's Jim (TR); Dean (5LB); Barry  
(BW); Roy (NRG); David (LSB); Lyle (WL), Steve (AIM).  
All licensed amateurs are welcome.

### **VK5RAD (Crafer's Repeater)**

The Repeater Controller is Barry Williams.  
**All enquiries**, including requests for access, etc,  
are to be made through him.  
Phone 8339 5683 or email [vk5bw@wia.org.au](mailto:vk5bw@wia.org.au)

### **Australian Ladies Amateur Radio Association (ALARA)**

<http://www.alara.org.au/>

**State Representative: Jean VK5TSX  
Phone: 08 8322 0066**

### ***Encouraging women's interest and active participation in Amateur Radio.***

### ***Meetings currently suspended.***

ALARA was formed in 1975 by a small group of  
Australian ladies interested in Amateur Radio.  
Membership has now grown to over 200, with  
many Australian members sponsoring  
overseas YLs into ALARA.

The term "YL" stands for "Young Lady"  
regardless of age.

They have a net on 80 metres on Mondays  
at 1000 UTC in winter and 1030 UTC during  
summer (day light savings time) at 3.570 MHz.  
There are also EchoLink skeds.

### CLUB CONTACTS

<b>Club President</b>	Phil Storr VK5SRP 0428 835 621
<b>Vice President</b>	Barry Williams VK5BW Phone 8339 5683
<b>Secretary</b>	Position currently vacant
<b>Treasurer</b>	Pat Storr <a href="mailto:patstorr@adam.com.au">patstorr@adam.com.au</a> .
<b>Licence Training</b>	Sasi Nayar VK5SN See Opposite

### **Meetings & Venue**

#### ***NB: All meetings currently in recess.***

AHARS usually meets on the third Thurs-  
day of each month, commencing at 7:30  
pm., at the Blackwood Community Cen-  
tre, Young Street, Blackwood.

**A.G.M.** February, each year.

**Postal Address** A.H.A.R.S P.O. Box 401,  
Blackwood, 5051.

### **Website Address & On-Line Newsletter**

The address for our website is:  
[www.ahars.com.au](http://www.ahars.com.au)

Thanks to Paul Simmonds, our  
web-master.

### **Articles For The Club Newsletter**

Projects, anecdotes, experiences, ideas, advice,  
etc, all make interesting and useful reading, and  
will be much appreciated.

Please forward direct to the

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