



All Access

A newsletter for members and friends of ARNSW,
facilitating access to all areas of Amateur Radio.

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Editor: Eric VK2VE

Editorial

Hi again from the editor's desk. I can't believe that we're almost into the last quarter of the year and well into spring. I really don't know where this year is going. This month's issue is slightly shorter than the last one and only a few pictures. Hopefully more next time.

We are always looking for short articles to include in this newsletter so, if you would like to put it out there to the other members, this is the place to do it. Pictures are also most welcome.

Unfortunately, Ray VK2ASE has had to step down from the board due to ill health. As per our Constitution, the position was offered to the next in line at the last elections, John VK2LJ, and I am pleased to report that John has accepted the position on the board. John has previously been a member of the board and has been instrumental in overseeing most of the recent capital works at Dural, including the monopole mast and the upgrades to the Centenary Building. We are very pleased to have him back on the Board.

To correspond with us, you can just email editor@arnsw.org.au or write to The Editor, ARNSW, PO Box 6044, Dural DC, NSW, 2158.

Eric - VK2VE - Editor

Have you changed address, callsign or other details?

Over time, people change addresses, emails, phone numbers, callsigns and so on. This often results in our correspondence being returned. **PLEASE**, if any of your details change, remember to let us know your new details otherwise you are likely to miss out. Now that the ACMA database will no longer have your details for us to check against, this is going to be even more important into the future because if you don't tell us, no one else is going to.

All Access goes out to all members who have an email address—it is NOT sent by post. So, if you don't keep us up to date you won't receive it or other correspondence from us.

To notify any changes to your details, you can use the membership form on our website at https://www.arnsw.org.au/forms/ARNSW_Membership_23.pdf. The one form can be used for new applications, renewals, updates or badge requests—just tick the appropriate box(es) at the top of the form and mail it to PO Box 6044, Dural DC 2158, or email to membership@arnsw.org.au. If you are making a payment, our preferred method is direct deposit, remembering to send us the details of your payment so we know what to attribute the payment to. Preferably, do not send credit card details in emails.

For convenience, I have included the membership form on the last page. Use it to update your details, or give it to a friend so they can join.

Eric – VK2VE - Secretary

Member Meetup & Disposals

Next Sunday, September 29th, is the next Member Meetup and disposals day (Trash and Treasure) in the morning and the ARNSW Experimenters' Group meeting from midday. Members will also be able to sell their own items on the day so bring along any items you'd like to sell and browse the items available for sale.

It starts at 9:00 am with sellers allowed access from 8:00 am to set up their stalls.

The Experimenters' Group meeting will commence at midday.

There will be a coffee cart on site from around 8 am as a trial and a forerunner to reintroducing the BBQs at the meetups, which we expect to do at the November one.

Below are some items which will be for sale in the disposals room. Credit card facilities will be available.

Transceivers

Standard C5608D mobile 2m 50W and 70cm 40W FM Transceiver. With microphone and manual. In good condition Price \$200.00

Yaesu FT-707 + FP 707 power supply.

100W CW AM SSB HF transceiver with matching power supply and mounting frame tha has room for a small ATU. Price \$350.

MFJ Versa Tuner II MFJ 941B Manual HF ATU in good condition and working Price \$50.00.

Receivers

Sangean ATS-803A General coverage receiver.

Medium wave, 2-30MHz and FM band receiver. In good condition and working but missing the BFO knob. Price \$50.00

Power Supplies.

Professionally constructed 13.8V 20A DC supply suitable for 100W HF Transceivers. With current limiting (about 25A) and overvoltage protection. Price \$75.00

Power Amplifiers.

Microwave Modules 70cm 50W Linear amplifier. Model 432/50 10W input to 50W output in good condition Price \$75.00

RM Italy HL-150. HF amplifier. 1.8 to 30MHz with automated low pass filters. 5W in = 120W out CW and SSB. In good condition and working Price \$440.00.

Test Equipment

Marconi TF 2300 AM/FM modulation meter 5.5 to 1000MHz AM to 100% modulation FM to 500KHz deviation. Calibration checked and is within specification. Price \$125.00

Dick Smith Electronics Q1312 RF signal generator with AM modulation 100KHz to 150MHZ. In good condition and working Price \$75.00.

Gould-Advance J35 low distortion (0.05%) sine wave signal generator 10Hz to 100KHz. In good condition and working Price \$60.00.

AWA F242 automatic noise and distortion meter. In good condition and working. Accuracy checked to be good. Price \$150.00

Dick Smith Q1810 100MHz dual channel oscilloscope with probes. Working. Price \$100.00

Tektronix 465M. This is the military version of the common 465 100MHz dual channel oscilloscope. This oscilloscope is working except channel 1 has an intermittent mechanical fault where the trace drifts. This is generally corrected by taping the case or rotating the vertical range knob.

Price \$75.00

Trimax G85 0-10Kv non-destructive insulation test set. This is the solid-state version. Useful for testing the high voltage insulation in cables, vacuum capacitors (i.e. they still are under vacuum!). And other high voltage components found in analog oscilloscopes and valve linear amplifiers. Fully working with high voltage test cables. Output current is limited to a safe level. Price \$75.00

Farnell synthesised signal generator DSG2 0.001Hz to 110KHz balanced and unbalanced outputs with output level meter. Price \$50.00.

ISKRA MI 7031 AC/DC Power Meter 100 to 500V and 1 to 25A Price \$50.00

Audio.

Perreux 3000B dual channel amplifier complete except for a broken fuse holder. Sold as is for repair Price \$120.00

GUVT 1 dual power amplifier. Cannon balanced inputs and screw terminal outputs. Heavy! Apart from this description I have no further information. Price \$50.00

Tandberg TM 4 Microphone complete with accessories in plastic case. Price \$25.00

Mark—VK2XOF—Disposals

Experimenters' group meeting.

The last gathering of the ARNSW Radio Experimenters Group was on Sunday 28th July.

For those who are looking for something new in Amateur Radio, the Radio Experimenters Group can be what you are looking for.

So come along to the members meet up and Trash and Treasure on Sunday the 29th of September, and stay around for the Experimenters Group meeting from noon.

Peter - VK2EMU - Experimenters Group.

We Need YOU!

ARNSW is always looking for more volunteers for the broadcast team as well as for other events. The broadcasts have been provided by ARNSW for many decades. I remember listening to them as a kid on my shortwave radio back in the 60s. Lately we have lost a number of both presenters and engineers, which puts a greater load on the rest of the team. We are still looking for more, especially for the evening broadcasts.

Of course, there are many jobs which go into putting out bulletins every week. Some of them are obvious, such as reading and engineering, which do require on-site participation at this time. Others operate in the background, such as compiling the news items, assembling the script, organizing the rosters and so on. Many of these can be done offsite and don't require any travel.

If you are able to help in any way, including remotely doing preparation, editing etc. please drop a line to the team at news@arnsw.org.au. Even if you are unable to get to Dural or are unwilling to go on air live, you can still assist behind the scenes in other roles.

Eric – VK2VE - Secretary

Broadcast Team

As you may know, starting early this year we had Alec VK2MV (previously VK2APC) join the broadcast team with his dad, Pete VK2LP. They have become regular on the broadcasts, usually doing the last weekend of the month. Of course, Alec is also part



Alec VK2MV reading the news

of the national News lineup on VK1WIA which he has been doing for quite a bit longer. At 14, he is one of our two youngest readers on the team.

Recently, another 14-year-old, in the person of Emmanuel VK2EMM, pictured right, has joined the team. Emmanuel is very keen and has his mum, Rena, as his taxi to come to Dural for the broadcasts. He is also a member



Emmanuel, VK2EMM

of the Manly club which he also attends regularly. We welcome him to the team and hope he has a long and enjoyable time with us.

Eric – VK2VE - Secretary

Dural Update.

The 6 metre 52.525 FM broadcast transceiver went off air a few weeks ago. On subsequent investigation, it was found that there was a power supply problem, which has since been repaired and the unit put back into operation thanks to our Dural engineer, Mark VK2XOF.

A group of enthusiasts has offered to reinstate the 23 cm beacon at Dural. They are working on the project and hope to have it back up in the near future. This will involve the building and installation of a new antenna as well as some work on the transmitter.

A new kitchen has been designed and quoted for the Centenary Building and we are hoping to install it in the next month or so. Hopefully we'll be able to bring you some pictures of it in the next edition.

Eric – VK2VE – Secretary.

Education

Our dedicated education team consists of a team of ACMA assessors and a couple of non-assessors who provide regular foundation courses at Dural, usually on the second weekends of March, May, July, September and November. They also provide upgrade assessments for those wanting to upgrade to Standard or Advanced level.

One thing which is very pleasing is that the ACMA are turning around the new callsigns very quickly. We have seen some with their callsigns 2 or 3 days after they have been entered on the ACMA portal. This is very pleasing to see.

At the latest course, held earlier this month, we were very pleased to have 13 candidates including three young ladies, aged 10, 9 and 7 attend and pass everything. They should all be sporting their new callsigns now and we look forward to hearing them on air soon. In fact, all attendees passed as well as one upgrade to Standard. Congratulations to all of them.

The next course weekend will be November 9th & 10th. If you know anyone wanting to do the foundation course or upgrades, they should contact education@arnsw.org.au for details and to reserve a place.

Eric – VK2VE – Education Team

Events

On Sunday 13th October 2024, we'll be having a 'balun build-a-thon' for ARNSW members. Participants will assemble their own 1:1 or 4:1 balun from a kit. Provided we have sufficient candidates, the event will be catered, for registered participants.

Although limited solder stations will be available, attendees are encouraged to bring their own, together with small tools such as cutters, screwdrivers and strippers (of the mechanical kind).

Kevlar wire will be available at half price to registered participants only and will need to be ordered prior to the day. Registrations, by email only are open at events@arnsw.org.au where you can register to participate and order the balun kits and wire.

AI – VK2OK – Events co-ordinator.

Do You Know Your Directors?

Robert Keith (“Bob”) Yorston – VK2CAN.

I was born at Chatswood in 1938, and have largely lived in that area – Willoughby – Artarmon – Roseville – Turramurra – Roseville – except when work has taken me elsewhere. I was educated at Artarmon and North Sydney Boys' High. After that, I completed an accountancy course at the Australian Accountancy College – whilst working at Norton & Favielle. Eventually, this proved too much for me, and I drifted into Electronics – the Electronics & Communications Certificate at Gore Hill TAFE. Whilst doing this – and subsequently – I worked at AWA and Philips.



AWA – I started at Arts & Patents (47 York Street - Head Office) and continued at various sections of AWA – while instructing at Marconi School of Wireless – Amateur – Broadcast Operators' Certificate – Commercial Operators' Certificate (Marine) – all of which was from the mid-50's to the mid-80's.

Philips – Philips-Stanford – the medical division of Philips, then Philips Laboratories at Hendon and Hamburg.

Apart from the Instructing at Marconi, I was also involved with the Post & Telegraphs Department at Port Moresby.

Well – I've covered my early and working life. Now to Amateur Radio – I became an Associate Member of the NSW division of the WIA in the mid – 50's – before Aitchison Street, St Leonards was fully established – a lot of the meetings were in Science House in The Rocks. Eventually – work and family permitting – I became VK2CAN in the mid – 70's. Those of you who were Hams back in that era would be aware that “C” calls were mainly granted to the Armed Forces – which I was at the time – Garden Island – guided missiles. But after that, as I was employed at odd places - dealing with delicate instrumentation - like North-West Cape, Gove, Weipa and Boyne Island – still moving around – I was allowed to keep the “C” call. This meant that – wherever I was in Australia, I kept the [VK2CAN](http://www.vk2can.com.au) callsign. With my many years on ARNSW Council, I kept the VK2CAN call, although heaps of 2-letter calls had passed my way (from S/K mates) – as I could see the confusion that using them caused amongst my elderly Ham mates.

My Amateur Radio gear covers from 160metres to 23cms – generally at an ERP of somewhat more than 100watts. As a result – when there's been a power failure or similar at Dural – I've “been invaded” for the duration of the broadcasts.

Bob – VK2CAN – Member services.

Don't forget—

- :- Member Meetup and Trash and Treasure***
 - :- When: next Sunday, September 29th***
 - :- Where: 63 Quarry Road Dural***
 - :- Starting at 9:00 am for buyers***
 - :- Sellers admitted from 8:00 am to set up***
 - :- Coffee van will be on site from about 8:00 am***
 - :- Experimenters' Group starting from Midday***
 - :- And the Balun Build-a-thon in October on the 13th***
- We hope to see you there.***

All Access is a newsletter published by Amateur Radio New South Wales (ARNSW) for distribution to members and friends of ARNSW. If you wish to comment on any item published or, perhaps, suggest further matters for publication or even submit an article, please contact the editor, Eric – VK2VE by email to editor@arnsw.org.au or post to Editor, ARNSW, PO Box 6044, Dural DC, 2158.

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



ARNSW Membership Application/Renewal/Update & Badge Form

Please Print CLEARLY.

Membership: New Renewal Update Badge Request (Tick all that apply)

Title Family Name Given Name(s)

Callsign Other/previous call(s)

Postal Address.....

..... Suburb State Postcode

Phone (Home) Mobile Work

Email

You will automatically receive the majority of notices, annual reports and other communications to your email address unless you advise otherwise. The VK2WI News Bulletins, ARNSW Face Book and Web Site (www.arnsw.org.au) are also used to provide general information to members.

I wish to receive official notices by post.

As per the constitution, a proposer and seconder are required for new membership applications. They must both be current financial members of ARNSW.

Proposed by: Name Callsign Signature.....

Seconded By: Name Callsign Signature.....

As a member, I agree to be governed by, and abide by, the Constitution of Amateur Radio New South Wales

Signature..... Date:/...../202...

Badge Details – I request a member badge as follows:

Preferred Given Name: Call sign: VK2

RETURN THIS PAGE to 'The Secretary' at the office

You can scan and email to membership@arnsw.org.au or mail to: ARNSW PO Box 6044 Dural Delivery Centre NSW 2158.

Badges are only produced when there are sufficient requests for a production run of 25 or more.

Payment Details - Choose \$20 for 2 years or \$50 for 5 years (Tick one)

Payment options: Cash Cheque Direct Deposit Credit Card (Tick one)

1. Cash in person or cheque in person or by mail to: ARNSW, PO Box 6044, Dural Delivery Centre, Dural 2154.
2. Direct deposit to Amateur Radio NSW, BSB 082-167, Account # 85-742-3723 using your callsign or membership number as the reference. Please also email receipt to membership@arnsw.org.au.
3. Email/post/deliver this form with your credit card details below to membership@arnsw.org.au.

I authorize payment of \$..... to be debited from my Mastercard Visa Amex (Tick one)

Card #

Expiry/..... Cardholder's Signature