



All Access

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

Issue 26-01 January 2026

Editor Eric VK2VE

Editorial

Welcome to the first issue of All Access for 2026. Happy New Year to all of you. Last year was a busy one and seems to have flown by so quickly.

I would like to take this opportunity to thank all our contributors to the newsletter, especially Colin VK2JCC for his numerous articles which help keep things interesting. We would be very happy to also receive contributions from other members as well.

We have an item from our president, Mat VK2YAP this month about volunteering positions available as well as one from Richard VK2SKY on submitting items for club news in our weekly news broadcasts.

As you know, we decided to discontinue the magnetic calendars but we got Paul VK2APA to produce the image of one and it is at the end of this newsletter. The previous page has been left blank so that you can print it and cut it out and maybe stick it to a previous year's magnetic backing.

AI VK2OK has requested that if any members have suggestions for possible activities, similar to the recent antenna days or build-a-thons, to please contact him with your suggestions. If possible, he will seek to organize them during the year.

Also, if you are a 3D printer and were wondering what to do with your old filament spools, AI would be happy to receive them for coiling cut lengths of "Kevlar" antenna wire to supply to buyers.

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

New members and Silent Keys

In the last two months we welcomed the following new members:

Charles Willcox	Arcadia	VK2ANU
John Turner	Cherrybrook	Pending
Mervyn Moore	Moss Vale	Pending
Peter Brown	Frenchs Forest	Pending

And we have not been notified about any Silent Keys.

Help Shape ARNSW's Future:

New Volunteer Roles Now Open

ARNSW is at an important crossroads. Our current structure depends on a small number of people who have been putting extraordinary time and effort, into keeping everything in our organisation running. But,

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several long-serving board and committee members are retiring soon, and that workload cannot simply be passed onto another small group.

To protect ARNSW's future, we need to change the way we work. We are introducing **small, clearly defined volunteer roles** that spread the workload and make it easier for more members to contribute in practical, manageable ways. Many roles can be done remotely, giving our regional members and those that can't travel to Dural, a real opportunity to be involved. Some roles are flexible in time commitment; those that require on-site presence can be rostered to suit your availability.

I will be upfront - If we can't fill some roles, certain activities will have to pause. That's just the practical reality of a volunteer-operated organisation, not a threat. But, with more people volunteering in focused ways, we can keep our current activities, with room to expand what ARNSW offers.

We've grouped the roles into broad categories; and below we highlight some **priority roles** from each group. A full list is available for anyone interested in more detail; and for all roles, we provide guidance, training and support.

Priority roles – Events and on-site support

- **BBQ & Food Safety Coordinator** – Oversees safe food handling and BBQ operations at events.
- **On-Site Event Supervisor** – Manages event setup, flow, and on-the-day coordination.
- **Parking & Traffic Flow Coordinator** – Directs vehicle movement and parking during on site events.
- **Audio-Visual Operator** – Runs sound, teleconference, and AV equipment for presentations and gatherings.

Priority Roles - VK2WI Broadcasts

- **VK2WI Broadcast Operators** – Serve as announcers or technical operators during broadcasts.
- **Audio Segment Producer** – Creates short audio features or interviews for broadcast. *Can be fully remote, flexible time commitment.*
- **VK2WI Operations Coordinator** – Manages the operational schedule and volunteer roster for VK2WI. *Can be fully remote, flexible time commitment.*

Priority Role – Operations Support

- **Equipment Sales & Support** – Assists with equipment sales and member enquiries.

Priority Role - Activity Group Co-ordination

- **Youth Engagement Coordinator** – Develops activities and outreach for younger members. *Partially remote.*

Other activity groups

- **Library and Site operations** – these roles require some on site attendance, but the time commitment is flexible
- **Administration support, outreach and promotion, strategy and governance roles** – can be fully remote with flexible time commitments.

In summary - Whether you have an hour a week or a few hours a month, there is a role where you can contribute your skills and interest, to help strengthen ARNSW. If a role catches your eye, or if you'd simply like to learn more, we'd love to hear from you.

Mathew – VK2YAP - President

Member Meetup & Disposals

Next Sunday, January 25th, is the first Member Meetup and disposals day (Trash and Treasure) in the morning and the ARNSW Experimenters' Group meeting from midday for 2026. 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 for buyers, with sellers allowed access from 8:30 am to set up their stalls. Buyers will be allowed in, to park to the north of the VK2WI building but only sellers will be allowed into the sales area to set up prior to 9am. When parking, please have consideration for other members and park in a

way that others can get access and as many cars as possible can be accommodated. Also, please leave access to behind the Vertel compound so that vehicles can get around there if necessary.

The Experimenters' Group meeting will commence at midday.

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

***All the following equipment has been tested and is in good working condition unless otherwise noted.
Transmitting and RF amplifiers sold to licenced amateurs only.***

Transceivers

Yaesu FT-920 working with power cable and microphone **Price \$800.00**
Tait 2000 programmed for 2m **Price \$50.00**
Tait 2000 unprogrammed **Price \$25.00**
Yaesu FT-102 with new PA valves includes TC-102 tuner **Price \$700.00**
Icom IC-2821 UHF mobile P25 ready new old stock **Price \$200.00**
JRC JST-135 150W all mode HF transceiver working with Mic and Power cord 1.8KHz and 300Hz
Crystal filters fitted **Price \$600.00**
FL2100Z HF Linear amplifier good front panel and intact meters suitable for restoration. Covers require painting also new 574 PA tubes and power supply capacitors. Has not been powered up for many years. **Price \$200.00**
2 x FT-221 2m AM/FM/SSB/CW 12W transceiver complete but untested
Price \$50 each
Realistic HTX100 10m transceiver SSB and CW only **Price \$75.00**

Receivers

Uniden BC780XLT Scanner 25MHz to 1300MHz As New in box with power supply **Price \$100.00**
Uniden BC785D Scanner 25MHz to 1300MHz As New in box with power supply **Price \$100.00**
Yaesu FRG7 complete but one toggle switch is broken (the power switch always ON) **Price \$50.00**

Accessories

Sidewinder M-10 RF signaliser **Price \$10.00**
Kenwood VOX-3 **Price \$10.00**
Loadstar 10W power/SWR meter **Price \$15.00**
EA July 1979 home made ATU **Price \$10.00**
Yaesu FTM-100D remote head **Price \$25.00**
OskerBlock SWR200 power and SWR meter with chart **Price \$50.00**
Sansei SE-405P SWR Meter **Price \$20.00**
Emtron ENB-2 RF Noise bridge **Price \$10.00**
Emtron EAT-300 Manual antenna tuner **Price \$75.00**
DSE switched attenuator 1 to 63db 50 ohms **Price \$10.00**
Firebird F-4A5 coaxial switch **Price \$10.00**
Apollo 3 way coax switch **Price \$10.00**
Alinco ELH-230 30W 2m power amplifier **Price \$25.00**

Kenwood AT-50 antenna tuner for TS-50 **Price \$50.00**

Test equipment

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Wavetek 2502 500MHz signal generator not working sold as is **Price \$75.00**
Topward Instruments function generator **Price \$75.00**
BWD 140 signal generator working **Price \$30.00**
HP 3476B 3.5digit DMM working **Price \$30.00**
BWD603 Minilab **Price \$90.00**
BWD604 Minilab **Price \$90.00**
BWD 216 400V power supply working **Price \$150.00**
Three x 240 to 110V transformer 200W **Price \$25.00 EACH**
HeathKit LCR Meter as is in good physical condition **Price \$25.00**
HeathKit signal tracer as is in good physical condition **Price \$25.00**
Wayne & Kerr 4225 Automatic LCR Meter working **Price \$100.00**
B&K 501A curve tracer as is in good condition **Price \$50.00**

Mark—VK2XOF—Disposals

A Reminder

Please notify us of any changes to your contact details. You can use the membership form on our website at arnsw.org.au/forms/ARNSW_Membership.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.

Remember, if we don't have your correct details, you may not get important documents. Ed.

How to send Club News to VK2WI

According to the WIA web site (<https://www.wia.org.au/clubs/vk2/>), there are 29 affiliated radio clubs in New South Wales, including ARNSW and WICEN NSW.

If you listen to the weekly VK2WI news broadcasts, you've probably noticed that only about half-a-dozen clubs ever submit news of their activities. I have to wonder: why is it so?

Of the several clubs that have withered on the vine in recent years, none of them ever sent Club News items to VK2WI.

Sure, many clubs list their nets in the *Activities on the Air* segment at the end of the broadcast: it's a low effort way for clubs to at least let others know that they still exist, and other Amateurs can at least call into your net if they are interested. Shortwave Listeners (potential Amateurs) have a harder time participating.

But, does your club have any other activities, apart from nets? For example: meetings, presentations, workshop days, portable operation outings, working bees? If not, why not? And if so, why not tell others about those activities?

Put another way: from the point of view of an outsider, what's the difference between a club that does interesting activities but keeps them "in house", and a club that never does anything at all? Very little, I would argue.

The weekly VK2WI broadcasts let you tell the world that your club is alive and "radio-active". All it takes is sending in a script, and the VK2WI New Team will do the rest, and it won't cost you a cent!

All you need to get started is the name of your club, the activity, the location, and the time. Try something like this:

Sample Club News Item

The Woop Woop Amateur Radio Club is having its monthly mini field day and car boot sale this coming Saturday.

Convert your unwanted boat anchors, electronic bits, and other treasure items into cash and maybe purchase some of the other treasures on offer!

While you're there, catch up with old friends and maybe make some new ones.

Fred VK2ABCD will give a demonstration of how to make simple portable HF antennas for under ten dollars, and hopefully make a few contacts with them on the day. You can even bring along your own portable station to show off!

Free tea and coffee will be available, and a sausage sizzle and other tasty snacks will be on offer too.

The sale starts this Saturday at 9am at Woop Woop Community Park. See you there!

*7 3 from Anne VK2DEFG
Publicity Officer for the Woop Woop Amateur Radio Club.*

That's all there is to it: a simple formula of Attention, Interest, Desire, and Action.

Attention: first paragraph lets everyone in the Woop Woop area know that they're about to hear of something interesting happening close to them.

Interest: what's in it for the listener: Buy and Sell, catching up with other Amateurs, having some refreshments.

Desire: as a bonus, a technical demo of portable antennas and the promise of some on-air activity, and finally,

Action: where to go and when to enjoy the activity.

The activity doesn't have to be very complicated: a BBQ at a public park (or BYO picnic lunch) where there is space to set up a portable station works well. Even a regular club meeting will do!

Regular activities, and telling others about those activities, will help your club survive and thrive. "The hobby is dying" will claim your club only if you let it!

Who are "we"?

By the way, notice in the sample script above that the words "we" and "us" do not appear. That's because the announcer reading your news item is probably not a member of your club. When spoken by the announcer, the words "we" and "us" refer to the news team volunteers at VK2WI and other ARNSW personnel. However, if you send in an audio recording of yourself reading the news item, then you are one of the "we", in which case feel free to use those words as you please!

Richard – VK2SKY – Broadcast team member

Shorts

Merry Christmas and Happy New Year to everyone at ARNSW from the Peel Amateur Radio Group Inc. (PARG)

Please circulate the attached flyer to all members with an invite to PARGfest 2026.

Peter Bassett-Scarfe VK6PBS

0432718026 0895352358

President and Secretary

Peel Amateur Radio Group

www.PARG.org.au

For Sale:

Gap Titan DX antenna un-used / unconstructed in box. All screws, tools, sealed.

Manual included, Counterpose wire, Link Wire and PL259 connector unable to be located.

\$550 minimum or call contact.

(\$589.95 USD + Shipping from Gap, \$1099 from a local distributor, \$650 reflective of replacement components.)

M.2 70cm Cross polarized Yagi with phasing harness. Clean used condition. \$120 Neg

See Mark in Disposals.

AMATEUR RADIO in 1947.

Hello there. In this historical snap shot we will go back to the year 1947 as recorded in the pages of Amateur Radio Magazine.

First up is an editorial in the January 1947 issue of Amateur Radio magazine which appeared to highlight a concern that the WIA Federal Executive perceived that they had To quote from that editorial

..... "There seems to be some confusion in certain quarters concerning the administrative set-up of the W.I.A. Since this confusion appears to exist rather more outside the Institute than within its ranks, we might, if we felt so uncharitable, consider that it is more deliberate than accidental.'

Acting upon the old adage, "if you don't tell 'em you can't expect them to know," let us review the facts. Firstly the W.I.A. is thoroughly democratic -- any member may, if he is willing to devote his energies to helping his fellow members, attain the highest office in the Institute, subject of course to geographical circumstances in the case of Federal Executive posts. Likewise any member has the equal right with all other members to express his opinion at meetings, or through "Amateur Radio," on any subject of concern to Hams.

Let us banish once and for all the old fiction that the Institute is under the control of some remote clique referred to as "F.H.Q." This Institute never has, and, we trust, never will be so controlled. The plain truth is that the whole governing power rests with the members.

The organisation of the W.I.A. is analogous to that of the States and the Commonwealth of Australia, the members being the electors, the Divisional Councils the State Parliament, and the Federal Executive, like the Commonwealth Executive Council, is empowered only to carry out the will of the Federal Council. The sole vital point of difference is that while there are within the W.I.A. both conservatives and radicals in profusion, there are no parties, no "haves" and "have-nots," all being Hams, and therefore fundamentally equal.

So close is this analogy that in drafting the new Federal Constitution of the W.I.A. we have used as a model the Constitution of the Commonwealth of Australia, acknowledged by those whose job it is to know as the best of its kind in the world.

We who comprise the Federal Executive [there is no "F.H.Q."] are justly proud of the honour conferred upon us by virtue of having been chosen for the task, at the same time we are not unmindful of the responsibility involved. We ask you in turn always to remember that should you feel that we have failed to obey your wishes you have the right to propose our removal.

Let those who prattle of "the F.H.Q. system" paste this on their soap boxes. A.H.C."

In 1947 - the VK2 State field day had been held at Wyong golf club - just across the way from the present field day location at the racecourse. It was held on Australia Day, January 26 th and 85 members and friends attended. The first event for the day was a morse receiving contest. It was a mixture of a story about a mythical field day and 5 letter code groups. The winner received a pair of 807's with 21 out of a possible 37 code groups. The 7 MHz fox hunt beat the hounds in the 2 hours it was transmitting in the Central Coast terrain.

In March 47 - AR Magazine made a layout change from 2 to 3 columns per page. In those days of less automation in magazine production - the lead time was shorter than today - with a deadline of the 15 th of the month - - - for release on the first of the next month.

Australia started the year with frequencies of 80M - 3500 - 3800; 40M - 7000 - 7200; 20M - 14000 - 14400; 10M - 28 to 30 MHz; 6M - 50 -54; then 166 to 170; 1345 to 1425; 2500 to 2700; 5250 to 5650 and 10 to 10.5 GHz.

The VK2 membership in 1947 was just under 500 and they were talking of changing the Articles to allow an increase to 1000. Over 100 members attended the 1947 AGM.

VK2WI Sunday news session was at 11 am on 40 metres - 7190. There was a UHF ! transmission on Sunday evening on 50.4 M/cs.

Also in 1947, Papua used the VK4 prefix and the New Guinea Territory - VK9.

The Federal QSL Bureau reported on the number of cards handled from 1931 to 1946 - not sure if it was for all of Australia - In 1931 just under 10k - it then rose in both 32 and 33 to over 18k; 22k in 34; 27k in 35; 44k in both 36 and 37. It then began to fall with 41k in 38; 21k in 39 - only 310 in 1940 when the war intervened. In 1946 there were 23k inwards received.

The October 47 VK2 Divisional meeting - was on the 4 th Friday of the month, at Science House. They discussed the suggestion of a paid Federal Secretary. They also felt, that like VK3, both Divisions with about 500 members each, required paid State secretaries. This had already occurred in VK3 and could occur in VK2 if suitable arrangements could be made. [A paid VK2 Secretary became a reality in the 1960's when the Division was at Atchison Street.]

1947 was also the year of the Atlantic City World Radio Conference - there was some flow on to Australian Amateurs. Our administration made changes with power input raised to 100 watts, they waved restrictive regulations such as the length of QSO's and the probationary period on CW was abolished. The morse speed requirements in those days was up round 18 wpm.

What did Atlantic City give the Amateur Radio Service. They defined the A R S in the terms we know today - advancing us from 'hobby' or past time stage and established our activities as a constructive contributing service.

The WRC allowed administrations to waive the need to demonstrate morse receiving and sending ability for Amateurs making exclusive use of frequencies above 1000 m/cs [1 GHz] They finalized the line of distinction between Amateur stations and private experimental stations.

There were frequency changes. The 160 metre band came back into existence but sharing the band with Loran navigation - various Amateur segments around the world appeared between 1715 and 2000 kHz. Nothing in VK at that time.

Changes occurred with 80 metres in Region 1 and 3. Region 3 was to be 3500 to 3900 but it became less in VK so that our portion was exclusive and not shared, We finally ended up with 3500 to 3700, losing our previous access up to 3800. We subsequently regained a small DX window - which on January 1 in 2004 expanded out to 3776 to 3800.

40 metres has always been a bun fight and still is - WRC 2003 devoted a lot of time to it. There were reductions in 47 down to 7150. We have again regained access to 7300, being exclusive 7000 to 7100 and shared to 7300.

There was no 30 metres in 1947 - that became available after WRC 1979.

20 metres lost the top 50 kHz, making the band 14000 to 14350, except in Russia who took 14250 to 14350 for its internal fixed services.

We gained 15 metres, exclusive 21000 to 21450 kHz. We also gained 11 metres - an ISM band centered on 27120 +/- 0.6% to become a band 26960 to 27230. Mainly Region 2 gained it along with VK, ZL, ZS and SW Africa. We lost the top 300 kHz of 10 metres - partly because we gained 11 metres - to end up with todays band of 28 to 29.7 MHz.

Region 1 - Europe and Africa - gained nothing then until 2 metres. There were odd allocations like 72 MHz which went to France and the USSR. A few African countries got 50 to 54. In general, Region 2 and 3 gained 50 to 54 MHz.

2 metres came into existence with 144 to 146 world wide and 146 to 148 for Region 2 and 3. The 4 MHz - 144 to 148 - was released in Australia on the 1 st May 1948.

Region 2 gained 220 to 225 MHz. In Australia we got 288 to 296 and 576 to 585 MHz, in line with the thinking of confining Amateurs to harmonically related frequencies. Both allocations have since been withdrawn.

World wide - the A R S gained 420 to 450 except in the USSR. Region 1 and 3 further gained 450 to 460 - in both band segments - aeronautical navigation had priority. In Australia it was some time before we started to gain some 70 cm. Finally we got 420 to 450, now being reduced by the withdrawal of 420 to 430 with

further pressure on the top 440 to 450 mhz.

Above 1 GHz, the 1345 / 1425 became 1215 to 1300, since reduced to 1240 to 1300. 2500 to 2700 slid down to become 2300 to 2450. An allocation at 3300 to 3500 appeared and 5250 / 5650 shrunk and moved to 5650 to 5850 with up to 5925 in Region 2. 10 to 10.5 GHz remained as a world wide allocation. There is pressure to reduce or remove some microwave bands from the amateur service.

This has been a fleeting glimpse of the year 1947 as recorded in the pages of Amateur Radio for that year.

Tim Mills - VK2ZTM (SK)

Don't forget – Member Meetup, Trash and Treasure & Experimenters' Meeting:

- ❖ ***When: Sunday, 25th January***
- ❖ ***Where: 63 Quarry Road Dural***
- ❖ ***Starting: at 9:00 am for buyers***
- ❖ ***Gates open from 8:30 am for set up and parking***
- ❖ ***If you are queueing to enter, please queue on the opposite side of Quarry Road. Do not queue on the property side – this is dangerous for approaching vehicles.***
- ❖ ***Sausage sizzle will NOT be running***
- ❖ ***Drinks will be available – both tea/coffee and soft drinks – you can pay in the tin in the fridge or see Eric to pay by card.***
- ❖ ***Experimenters' Group starting at Midday***
- ❖ ***We look forward to seeing you there.***

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Amateur Radio NSW 2026							ARNSW													
22	ARNSW ANNUAL GENERAL MEETING	25	MEMBER'S MEET-UP, T & T and the ARNSW EXPERIMENTERS GROUP	9	ASSESSMENT DAY (Standard & Advanced) Bookings Essential	7	FOUNDATION WEEKEND (Sat & Sun) Bookings Essential													
4	VK2WI NEWS Sunday 10am & 7:30pm Local Time	11	ARNSW BIRTHDAY 11 March 1910	AX	AX CALLSIGN PREFIX may be substituted for VK (e.g. AX2WI) on Australia Day, ANZAC Day and World Communication Day	8	JOHN MOYLE FIELD DAY 0100 UTC Sat to 0059 UTC Sun													
1	PUBLIC HOLIDAYS (NSW)	2	NSW School Holidays (excluding development days)			21	REMEMBRANCE DAY CONTEST 0300 UTC Sat to 0300 UTC Sun													
All dates are subject to confirmation. Check for updates on VK2WI News and on the www.arnsw.org.au live calendar link																				
1	JANUARY			1	2	FEBRUARY		2	3	MARCH		3	4	APRIL		4				
MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
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19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26
AX	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29
5	MAY			5	6	JUNE		6	7	JULY		7	8	AUGUST		8				
MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
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11	12	13	14	15	16	AX	15	16	17	18	19	20	21	10	11	12	13	14	15	16
18	19	20	21	22	23	24	22	23	24	25	26	27	28	29	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30						27	28	29	30	31		
9	SEPTEMBER			9	10	OCTOBER		10	11	NOVEMBER		11	12	DECEMBER		12				
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21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29
All training and assessments require booking. Email education@arnsw.org.au . ARNSW Email office@arnsw.org.au Ph 02 9444 0123																				