



All Access

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

Issue 26-04 July 2026

Editor Eric VK2VE

Editorial

Welcome to the fourth issue of All Access for 2026.

I have just returned from a month in the UK and Ireland and am getting back into the swing of things. I visited Bletchley Park while I was there. I still have some photos from last time I was there, 16 years ago, but it has changed a lot since then. The Bombe, which was in the process of being rebuilt, is now up and running, as well as Colossus, which was operational last time I was there — but now you can walk all around it. The National Radio Centre, GB3RS, is now fully operational and was staffed the day we were there. I had a lovely time chatting to a couple of the operators there.

The disposals room will be open this month with a good range of items — a comprehensive list is elsewhere in this issue.

The BBQ will be running this month with the usual fare, plus free tea and coffee, and cold drinks for sale.

We have another couple of short articles from Colin VK2JCC in this issue.

To correspond with us, you can email editor@arnsw.org.au or write to The Editor, All Access, 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:

June:

Milena Goard	Pending	Yerrinbool
Greg Kelly	Pending	Marrickville
Arty Kim	Pending	Doonside
Brett Mate	VK2BMT	Beresfield
Paul Van Neijenhoff	Pending	Box Hill
Mayank Verma	Pending	Acacia Gardens
Michelle Benassi	VK2MHL	Bondi Junction
Cameron Campion	VK2SWL	Ryde
Olcayto Gulec	TA3OQ	Carlingford
Graeme McDonagh	Pending	Belrose
Maurizio Romano	VK2MAU	Bondi Junction
Jero Xie	Pending	Eastwood
Simon Zhang	Pending	North Kellyville

July:

Sanjay Sengupta	Pending	Kings Langley
Paul Brannigan	Pending	Erskine Park
Kathryn Hudson	Pending	Erskine Park

We regret to advise the following Silent Keys:

William Johnson	VK2BMC	Blacktown
Tiny (Walter) Rosser	VK2ZWR	Northmead

The Broadcast Team Needs You

VK2WI Broadcast Team — Volunteers Wanted

Fancy a fun, low-pressure way to get more out of your amateur radio? The VK2WI Broadcast Team is looking for volunteers to help run our Sunday broadcasts.

You'll operate a range of interesting station equipment across multiple bands and take callbacks from fellow amateurs after each broadcast. It's also a great option if your home QTH doesn't allow you to get on air.

The roles:

Station Engineer — runs the technical side of the broadcast.

Station Announcer — presents the bulletin on air.

Licence requirements:

One of the two people on site must hold an Advanced licence.

If the Announcer holds an Advanced licence, the Engineer may hold a lower-grade licence.

The Announcer role is open to holders of any licence level, and to those not yet licensed who are interested in becoming an amateur.

What's involved:

Broadcasts are held Sunday mornings and Sunday evenings, with occasional special-event broadcasts at other times.

For operational and safety reasons, two people must be on site for the full duration of each broadcast.

Full training and ongoing support are provided.

We welcome input from volunteers and would love to hear from you.

Stuart — VK2BMX — Broadcast Roster

Member Meetup & Disposals

Sunday 26 July is the next Member Meetup and Trash and Treasure, followed by the ARNSW Experimenters' Group meeting from midday. The disposals room will be open this month and a list of some items is below.

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 before 9.00 am. When parking, please park considerately so that others can get access and as many cars as possible can be accommodated. We can easily accommodate 50+ cars if everyone parks sensibly. 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. See elsewhere in this issue for details about the Experimenters' Group.

A preview of items that will be in the disposals room on the day. Come along and see the full selection.

No.	Item	Price
1	Icom IC-905 all-mode microwave transceiver setup (includes controller, RF deck, mic, power supply and manual); missing GPS antenna. TX on 2.4, 5 & 10 OK	\$4,200
2	Icom IC-9700 VHF/UHF/1.2GHz Transceiver — Complete in Box with Mic, Power Cable & Manuals	\$2,100
3	Icom IC-7300 100W HF Radio Power cable, mic, manual, original accessories, Bundled with LDG Pro Tuner as full package, Latest Firmware	\$1,200
4	Icom IC-705 complete ready-to-go HF/VHF/UHF QRP portable kit; includes IC-705, AH-705 tuner, LC-192 backpack, mic, cables, SD card and antenna wires. Cost over \$3,000 new	\$1,800
5	Yaesu FT-991A HF/VHF/UHF C4FM — includes microphone, DC power leads, matching SP-10 speaker and FH-2 remote control unit. Latest firmware	\$1,650
6	Yaesu FT-2DR VHF/UHF C4FM — antenna, battery pack, plug-in charger; native APRS support	\$350
7	Alinco DJ-G7E 2/70/23cm Antenna shows cracks (\$49 new), charging cradle	\$300
8	Alinco DJ-S41 UHF HH Portable handheld radio transceiver. 70cm. 3 x AA batteries, as is	\$30
9	Icom IC-V82 VHF HH 7 W output; antenna, multiple battery packs, Icom BC-146 desktop charger, AC power adapter; may have UT-118 installed	\$50
10	Yaesu VX-170 2M HH IPX-7 rated; operating manual, antenna, AA battery pack	\$60
11	Icom ID-51A D-Star Compatible, Comes with BC-202 fast charger cradle	\$300
12	Flashforge Dreamer Dual Extruder 3D Printer Small tool kit, missing one 24 V fan from the RHS extruder; test print okay	\$100
13	Hantek DSO1200 2-channel 200 MHz scope Comes W/Soft carry case, 2x test leads/probes and power adapter/charger	\$350
14	Hansen SWR/Power Meter FS-5 3.5 to 150 MHz SWR/power meter	\$20
15	MFJ-956 SWL preselector/tuner good condition with manual, original box, covers 150 kHz to 30 MHz	\$70
16	Omega-T Systems TE 7-01 new old stock (NOS) antenna noise bridge in good condition with manual and original box; covers 1 MHz to 100 MHz	\$20
17	Mars SW-10 Standing Wave Indicator Good condition in original box with manual; covers 3 MHz to 30 MHz with selectable 52/75 Ω impedance	\$20
18	Belco Electric Co BR-8 AC Bridge Component tester, good condition in original box with manual; measures resistance, inductance and capacitance	\$25
19	Osker Block SWR-200 SWR/power meter, near-pristine condition with manual, original red box and calibration card; covers 3 MHz to 200 MHz	\$60
20	MFJ-410 Pocket Morse Tutor in reasonable condition (no box); powers up, internal speaker tested working, acts as a code practice oscillator and station keyer	\$50
21	MFJ-1020 Tunable Active Antenna Good condition complete with original box, manual, power supply, and telescoping whip; covers 300 kHz to 30 MHz	\$50

No.	Item	Price
22	Emtron EAT-300A Manual Antenna Tuner Good condition with laminated manual (no box); heavy-duty 300W Australian-made unit with cross-needle meter, 6-position switch, and built-in 50Ω dummy load	\$150
23	LDG Z-11 Pro tuner for FT-817 Automatic Antenna Tuner (reasonable condition, no box): Includes Anderson power cable and Yaesu FT-817 interface cable; versatile unit that handles from 0.1W up to 100W+ PEP	\$200
24	Yaesu FT-817ND Clean ND model. Includes manual, factory world map, CT-39A packet cable, 2x stock batteries, AA tray, 6M BNC antenna base (no 2M tip), spare mic, and unopened aftermarket narrow filter	\$750
25	MFJ-784B Tunable DSP Audio Filter bare unit in reasonable condition (no box/cables); multi-mode audio noise-reduction system with 5 factory presets and 10 programmable memories	\$50
26	MFJ-784B Tunable DSP Audio Filter bare unit in reasonable condition (no box/cables); multi-mode audio noise-reduction system with 5 factory presets and 10 programmable memories	\$50
27	Master Instruments PT-35 25W Dummy Load good condition bare bench unit; classic Australian-made 50Ω dry coaxial load rated for 25W continuous RF dissipation	\$20
28	Home-Brew 70cm RF Power Amp Attached DC leads/connector. High-gain UHF linear block (100mW in, 20W out), sold as untested/condition unknown	\$20
29	Tokyo Hy-Power Labs HL-85V All-Mode 2m Linear, good condition bare unit, built-in GaAs-FET preamp and outputs 15W to 85W from a 1W to 12W drive; great with the 817	\$200
30	Digitor D-2510 2m VHF Amplifier Bare unit, powers up but otherwise untested	\$30
31	Chinese QRP-to-high-power 70cm linear amplifier, bare unit, untested; features a 1–5W input rating for a massive 80W output on the UHF band	\$30
32	Comet CF-50S Low Pass Filter 6m LPF, good condition bare unit, features a 57 MHz cut-off and 60 dB+ attenuation BCI while handling up to 150W CW	\$40
33	Yaesu FL-2050 all-mode 2m linear, powers up, bare unit, built-in Rx preamp and outputs 50W to 80W from a 10W to 15W drive; great with the FT-225/290, other QRP radios	\$100
34	MFJ-1046 Passive Preselector good condition bare unit, covers 1.6 to 33 MHz with sharp tuning to completely eliminate front-end receiver overload	\$100
35	Seafarer Seafix 2000 Vintage Handheld Marine RDF/Compass, clean cosmetic condition, untested novelty item for maritime collectors or shack display	\$40
36	MFJ-924 UHF Manual Antenna Tuner Good condition bare unit, covers the 440 MHz (70cm) band with built-in dual-range 30W/300W SWR & Wattmeter	\$60
37	MFJ-971 Portable HF Antenna Tuner good condition bare unit, covers 1.8 to 30 MHz up to 200W with a built-in cross-needle SWR/Wattmeter and selectable 6W QRP range	\$120
38	ELP-300L Low Pass Filter Functional bare unit with frayed coaxial tail cable, handles HF frequencies to suppress local TVI/BCI; a great cheap fix for a budget shack project	\$10
39	25W Heavy-Duty Dummy Load clean bare unit, features a calibrated -30 dB sample tap for monitoring; great for transmitter alignment or analyser setups	\$30
40	Avair AV-1000 Quad-Band SWR & Power Meter, good condition bare unit, dual-sensor design covering 1.8 to 1300 MHz with selectable 5W to 400W AVG/PEP ranges	\$200
41	Satlink WS-6902 Digital Satellite Finder Complete boxed kit with carrying case, PSU, and car adapter, features a 3.5-inch colour TFT display with live FTA video preview and spectrum analyser	\$70

No.	Item	Price
42	Behringer Xenyx Q502USB 5-Input 2-Bus Mixer, boxed unit with built-in USB audio interface, XENYX mic preamp, compressor, British 2-band EQ. Great for shack audio	\$40
43	Digitech QM-1589 Sound Level Meter Boxed with original carry case and windshield sock, features a 30 to 130dB range with selectable A/C weightings and fast/slow response modes. RRP \$159	\$40
44	Digitech QM-1589 Sound Level Meter Boxed with original carry case and windshield sock, features a 30 to 130dB range with selectable A/C weightings and fast/slow response modes. RRP \$159	\$40
45	30W Compact RF Dummy Load Bare unit with a heavy-duty heatsink base and a standard female N-Type RF connector interface	\$30
46	MFJ-1020C tuned SWL active antenna & preselector bare unit with telescoping whip, covers 300 kHz VLF up to 40 MHz with up to 10 dB gain to boost weak shortwave signals, runs via standard 9 V battery or 9–12 V DC jack	\$100
47	MFJ-336S tri-magnet mobile antenna mount Good condition bare unit, features three 5-inch magnets on a heavy-duty triangular steel base with a standard SO-239 connector and coaxial cable tail	\$60
48	Avair AV-SW3N 3-Position Coaxial Switch, good condition bare unit, high-quality N-Type connectors covering DC to 1500 MHz	\$60
49	Opek CX-5 3-Position Coaxial Switch, good condition bare unit, heavy-duty build handling up to 1000W PEP with SO-239 connectors	\$30
50	Comet CSW-201G 2-Position Coaxial Switch, good condition bare unit, handles up to 1.5 kW PEP from DC to 600 MHz with gold-plated SO-239 connectors. RRP \$119	\$60
51	Sangean ATS-818CS Portable Multiband Receiver with built-in Cassette Deck, complete with original box, powers up but has unresolved audio issue and no 6V PSU, great project rig or classic SWL restoration piece	\$60
52	Digitech QT-2202 Frequency counter Good condition bare bench unit, dual-channel input covering 10 Hz to 2.7 GHz with high-stability timebase and gate time selection	\$75
53	GAP Titan DX Antenna 8-Band HF Vertical Antenna, unused and unassembled in original box with manual/screws/tools, missing counterpoise/link wire and PL-259 connector (RRP \$1,099 local retail); a great multi-band DX antenna project	\$500
54	MFJ-259B Antenna Analyzer — HF/VHF antenna analyser, good condition bare unit, covers 1.8 to 170 MHz continuously measuring SWR, complex impedance, and resonance	\$150
55	MFJ-916B HF/VHF/UHF Duplexer Good condition bare unit, splits frequencies across 1.3–225 MHz and 350–540 MHz ports with low insertion loss	\$40
56	Avair AV-40 Cross-Needle VHF/UHF SWR & Power Meter, good condition bare unit, dual-needle display covers 140 to 525 MHz handling up to 150W (RRP \$199)	\$60
57	Comet CF-360 HF/VHF/UHF antenna duplexer Good condition bare unit, splits 1.3–30 MHz and 49–470 MHz bands handling up to 600W PEP (RRP \$135)	\$60
58	Diamond MX-72H VHF/UHF antenna duplexer — good condition bare unit with PL-259 pigtails, splits 1.6–150 MHz and 400–460 MHz bands handling up to 1000W PEP (RRP \$99)	\$50
59	Hi-Mound MK-705 Manipulator Deluxe Iambic Paddle, great condition complete with original clear plastic dust cover and heavy marble base	\$130
60	Hi-Mound HK-707 Classic Straight Morse Key, bare unit on heavy base, missing original clear plastic cover and has no cable tail	\$50

No.	Item	Price
61	Hi-Mound HK-702 (branded DJG-K4) Classic Straight Morse Key, chrome-plated mechanism on heavy base with tarnished connection cable, missing clear plastic dust cover	\$50
62	Alinco DJ-MD40 UHF DMR/analogue handheld transceiver, boxed kit with battery, antenna, drop-in desktop charger, manual, and programming cable, reset to factory defaults	\$120
63	Xiegu GNR1 Digital Audio Noise Filter good condition unit with power supply, has manual, missing original audio cables, features variable DSP noise reduction and sharp high/low-cut filtering	\$120
64	Diamond BB6W 2–30 MHz end-fed wideband wire antenna, good condition boxed unit with original lead wire and printout info sheets, handles up to 250W and covers HF bands continuously without a tuner (RRP \$399)	\$180
65	Diamond D130NJ wideband discone antenna clean condition, albeit weathered, low-loss female N-Type connector version covering 25 to 1300 MHz (RRP \$289)	\$100
66	Icom IC-R7000 VHF/UHF/SHF Receiver Powers on with functional remote keypad, exhibits classic internal audio path fault/dirty pots (sold strictly as a fixer-upper project rig); covers 25 to 2000 MHz	\$100
67	Wonder Wand MK-3 QRP Antenna Tuner good condition bare unit with missing original counterpoise wire, continuously tunes 1.8 MHz to 440 MHz; a great lightweight match for portable field work (about \$300 landed)	\$100
68	Avair AV-3045 Power Supply 45A Heavy-Duty Linear Power Supply, clean bare unit, features dual-needle backlit volt/amp instrumentation with front-panel variable voltage adjustment and cigarette lighter outlet; a great high-current base station powerhouse	\$110
69	Eddystone EC10 Classic 1960s transistorised HF communications receiver, includes printed manual, features minor frequency/audio drift as it warms up (sold as a classic vintage restoration project); covers 550 kHz to 30 MHz	\$40
70	Rebow 35L Tactical Camo Backpack good condition multi-compartment field pack, perfect size for portable QRP operations, ideal companion bag to bundle with field radios like the FT-817	\$20
71	Jaycar MP-3088 variable DC bench power supply, clean bare unit, outputs 0–30 V DC at up to 3 A max with dual analogue volt/amp meters; a great reliable bench supply for low-power accessories or QRP testing	\$75
72	Alinco DJ-S11T VHF FM handheld transceiver, original box with manual/accessories, ultra-compact 2m pocket radio featuring built-in folding whip antenna and 340 mW output; a great nostalgic collector's piece or vintage 2m pocket handy	\$80

Experimenters' Group

The next get-together of the Radio Experimenters' Group will be held on Sunday 26 July at midday, after the ARNSW Member Meetup.

As always, the get-together starts with a show-and-tell segment where anyone can stand up and show something that they have built, been working on, repaired or that they just find interesting. Ideally, these segments should be limited to about five minutes each. Anyone wanting to present on the big TV is advised to arrive early to work out what they are doing.

Anyone interested in getting their hands dirty and building their own radio is encouraged to come along on Sunday 26 July.

Peter – VK2EMU – Coordinator

Hints & Tips: Taming the Toroid Confusion

Write the material mix and outer diameter directly onto the side of your toroids using a fine-tip permanent marker immediately after opening the package. This simple step prevents identical-looking ferrite and iron-powder cores from getting mixed up in your junk box, saving you from failed antenna projects or destroyed components.

The Mystery of the Identical Black Rings

If you are like me, you order a diverse selection of toroids for your upcoming homebrew projects. They arrive neatly separated in labelled shipping bags. But the moment you take them out to start winding, the trouble begins.

A **Type 43** ferrite core looks almost exactly like a **Type 61** or **Type 31** core. To make matters worse, iron-powder cores of different mixes can easily be confused if the factory paint is thin or inconsistent. Once they are out of their bags, you are left playing a guessing game.

Building baluns, ununs, or low-pass filters is supposed to be enjoyable. Instead, it becomes stressful because you cannot verify whether you are holding the correct core for your target frequency band.



The Permanent Solution

You can easily fix this workbench headache during your next build.

- **Label immediately:** Grab a high-quality, fine-tip permanent marker before you open any shipping packet.
- **Mark the mix:** Write the material type (such as **-2**, **-6**, **31**, or **43**) directly onto the outer edge or flat side of the toroid.
- **Mark the size:** Add the outer diameter dimension right next to the mix number (for example, **T200** or **FT240**).
- **Store with confidence:** Put them into your component drawers knowing they will never lose their identity.

Why This Saves Your Next Project

- **Flawless construction:** Building baluns and matching networks is smooth and accurate when you know your components are correct.
- **No more wasted time:** You will never need to set up a crude test jig or an antenna analyser just to calculate the permeability of an unknown core.
- **Streamlined workbench:** Your junk box turns into an organised asset rather than a pile of mystery components.

Protect your future projects before you wind your next inductor. Take ten seconds to label your toroids today, and keep your homebrewing straightforward and stress-free.

Colin – VK2JCC – aka Professor Portable

A Request

At the recent Dural meeting I was lucky enough to get a Hallicrafters SX101 from the freebie table.

It's in great condition, albeit with a mains transformer that emits smoke.

In my haste to grab it, I neglected to see who left it there — I would like to get some background and provenance on it.

The RF stage has been modified to take a 6EH7; judging by the components, that looks to have been done sometime in the 1970s.

How would I go about finding the kind soul who left it there?

If it was you, please get in touch with the editor (editor@arnsw.org.au) and I'll put you in touch with the member. Ed.

A Reminder

With VK2Connect now live, you can update your own details at any time — and it is important that you do. If we don't have your correct details, you may not receive important documents.

If you have any problems, such as not being able to log in, send a message to membership@arnsw.org.au so we can assist you. Your mobile phone number matters most, because it is used to log in. If we have the wrong number on file, we may need to correct it manually before you can log in. Ed.

RadNET relaunched

RadNET has been rebuilt and is now live at arnsw.net, with a new interface and interactive features that make finding repeater information easier.

The biggest change is that repeater custodians can now manage their own listings, including posting planned maintenance and expected outages, so members can check a repeater's status before heading out on air. Custodians who'd like access should email office@arnsw.org.au — requests are validated against the internal RadNET database.

Every RadNET DMR repeater has also been migrated to IPSC3, VKDMR's new locally developed routing platform. See the article below for what that means on air.

Our thanks go to Matthew VK2FLY for the many hours behind the scenes that made the rebuild happen.

Brad – VK2NMZ

Introducing IPSC3

The VK DMR Working Group has released IPSC3, the new routing platform for VKDMR — the Australian DMR network — replacing the previous IPSC2 system. IPSC3 is locally developed by the working group, and every RadNET DMR repeater has now been migrated across.

The design goal was to keep operating simple while making the network more predictable and easier to diagnose across Motorola IPSC repeaters and MMDVM hotspots. In practice, DMR operators will notice the following:

- **Scan mode on TG 777, TS1.** Key it from any repeater or hotspot to listen across VKDMR and connected networks including CQUK, BrandMeister VK and Quadra. Reply on TG 777 and your audio goes back to the last active talkgroup automatically.
- **Better private calls.** Direct calls on TS1 route to wherever the destination radio was last heard, whether that's a repeater or a hotspot.
- **Parrot on TG 9990.** A quick audio check that also refreshes your roaming registration.
- **No need to kerchunk 505 for roaming.** Key TG 400 or use Parrot instead. Motorola ARS and GPS beacons also keep the roaming entry current.
- **No more drag-back to 505** on simplex hotspots once you've moved to a dynamic talkgroup — IPSC3 mutes 505 until the selected group times out.
- **Clearer feedback.** Audio and dashboard cues confirm which talkgroup your hotspot is currently linked to.

Full detail is at vkdmr.com/dashboard/content/faq

Also in the works: native Windows and Mac applications for the network, and the working group is experimenting with PoC (push-to-talk over cellular) radios. More on both as they develop.

And once again to Matthew VK2FLY, whose considerable work is behind IPSC3 as much as it is behind RadNET.

Mathew – VK2YAP

Help Shape ARNSW's Future

We are always looking for volunteers for various roles.

As published in the last All Access, there are many jobs that can be done by members without having to be on the board, and more volunteers are always welcome. The list of positions is republished below.

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 coordination

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

Other activity groups

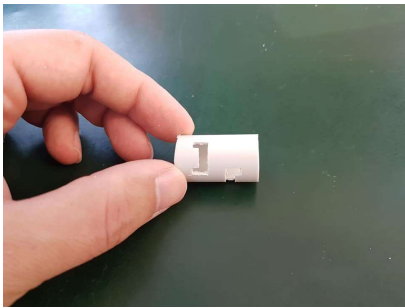
- **Library and site operations** – these roles require some on-site attendance, but the time commitment is flexible.
- **Administration support, outreach and promotion, strategy and governance roles** – can be fully remote with flexible time commitments.

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 interests 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

Tech Tip: The “No-Disconnect” Coil Winding Method

By Colin VK2JCC (Professor Portable) & Andreas Bender DK6IEC



Tuning a portable wire antenna often requires adding a loading coil or a choke. Traditionally, this means lowering the antenna, cutting the wire, or unsoldering a connection. This clever alternative lets you wind a coil directly onto a form while the antenna wire remains securely attached to its mounting point.

The Core Concept

Instead of threading an open end of a wire through or around a coil form, you use a slotted form. This allows you to manipulate the bulk of the form around a continuous, fixed wire line.



Step-by-Step Implementation

Prepare the Coil Form: Take a standard plastic spacer, PVC pipe, or 3D-printed ribbed form. Cut a narrow, longitudinal slot down the entire length of the form.

1. **Capture the Wire:** Insert the continuous, tensioned antenna wire through the slot into the centre axis of the form.
2. **Wind the Coil:** Rotate the coil form itself. As you spin the form, feed the loose coil wire onto the outside grooves.
3. **Secure the Ends:** Use zip-ties, thumbscrews, or built-in slots at

each end of the form to lock both the antenna wire and the new coil windings in place.

Why This Helps Field Operators

- **Saves Time:** Eliminates the need to untie knots, lower masts, or rework permanent mechanical splices.
- **Preserves Tuning:** Keeps the physical length and tension of your primary radiator intact.
- **Weatherproof:** Avoids creating new solder joints or crimps that can corrode in rain or salt fog.
- **Rapid Prototyping:** Ideal for temporary field day adjustments, letting you test different inductance values on the fly.



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, suggest further matters for publication, or 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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Shorts

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

- ❖ ***Sunday 26 July, 63 Quarry Road, Dural.***
- ❖ ***Buyers from 9.00 am; gates open 8.30 am for set-up and parking.***
- ❖ ***Experimenters' Group meeting starts at midday.***
- ❖ ***New 50 km/h speed zone on Quarry Road.***
- ❖ ***Queue on the opposite side of Quarry Road — the property side is dangerous for approaching vehicles.***
- ❖ ***Disposals room open.***
- ❖ ***BBQ running — more volunteers welcome.***
- ❖ ***Tea, coffee and soft drinks available.***

Also in this issue:

- ❖ ***RadNET has relaunched at arnsw.net — see inside.***
- ❖ ***VK2Connect: check your details, especially your mobile number.***
- ❖ ***Volunteers wanted for VK2WI broadcasts — see the Broadcast article.***
- ❖ ***Volunteer roles across the board — see “Help Shape ARNSW's Future”.***