



All Access

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

ARNSW is an affiliate of the WIA.

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Editorial

Welcome to this next edition of *All Access*.

Trash and Treasure sales continue but still in a completely different format. We may see this format continue for some time, thanks to Covid-19. The storeroom is again full of goodies and these may be viewed and/or purchased by arrangement. See the article below.

Please listen to the Sunday Broadcasts and watch forthcoming issues of *All Access* for further information. And, please heed government warnings and advice on health matters. In the meantime, a Happy Easter to all.

Ray – VK2ASE

2021 AGM

Just a reminder that the 2021 AGM will be held on Sat 17 April 2021, at 3:00 pm. This year the meeting will be a hybrid between personal attendance or on-line via Zoom. In other words you may attend in person at our Dural club rooms or you may log in via the Zoom on-line system.

Nominations for office match the vacancies so there is no need of an election. Also, there are no notices on motion. The meeting proceedings should be straightforward.

Watch your mail/email for formal notification including the Zoom login credentials. The AGM is an important meeting in the Club calendar. I look forward to seeing you there.

Ray – VK2ASE

HF Special Interest Group

The HF Special Interest Group went into decline a few months back. It was thought that this was an effect of the Corona pandemic. We hope that's all it was. It couldn't have been through lack of interest! HF operations have been at the core of Amateur Radio since the beginning.

So, if you would like to know more about the Group or perhaps have some input into how you think the Group might be best organised please drop a line to the Secretary at office@arnsw.org.au. We look forward to your input or simply hearing from you.

Ray – VK2ASE

ARNSW Broadcast Team

Our ARNSW Broadcast team are responsible for the transmission of our weekly informative broadcasts every Sunday at 10:00 am and 7:30 pm.. The team are ably led by John VK2JV and do an excellent job.

It takes two staff to run a broadcast . an announcer and an engineer. The announcer, obviously, reads the news bulletins and the engineer keeps watch on the transmission and corrects any anomalies.

If you are interested in becoming involved (and why wouldn't you?) please drop an email to office@arnsw.org.au. Don't worry, you won't be dropped in the deep end. The team are very supportive. Who knows, you might be the next John Laws.

Ray – VK2ASE

Education

As the pandemic subsides (somewhat) we are able to restart some other activities. Notably, the next Foundation Course and Assessments are now scheduled for 10/11 April 2021. Education is an important aspect of our operations as this is where we can gain new members.

If you would like to know more please contact the Secretary at office@arnsw.org.au. Apart from knowing when you might book into an upgrade course the team would also welcome assistance in organising courses. Like so many of our operations there is also a fair bit of behind the scenes activity required to keep everything going smoothly. Course materials need to be ordered, attendance registrations kept, etc. If you can help please contact the Secretary at office@arnsw.org.au.

Ray – VK2ASE

Trash and Treasure

Trash and Treasure sales continue but in the new format. You may peruse the equipment list below, which represents some of the equipment ARNSW has for sale, and make arrangement to view the offering or make an offer. Most can be posted but some are too large or heavy for postage.

Pickup is by arrangement so as to keep the number of visitors to a minimum for Covid-19 safety. We could not accommodate the usual crowds that gather in the show room. Also, to meet Covid-19 tracking requirements, visitors will be asked to complete a self-declaration form and sign the visitors book.

Please email disposals@arnsw.org.au to arrange a site visit or to inquire on any item.

All of the advertised equipment has been tested. Any known faults will be described.

HF Transceivers

1. Kenwood TS850S HF transceiver in good condition and fully working. .Supplied with a hand microphone and power cable. **\$700. Collect or Pack and Send.**
2. Icom IC-718 HF Transceiver Supplied with Manual, hand microphone and power cable **\$600.**
3. Icom IC 740 HF Transceiver good condition (covers repainted) with Power cable and microphone. **\$200.**
4. Yaesu FT-847 with power cable and microphone **\$550**
5. IC746 HF to 2m Transceiver (not the Pro) with external frequency locking **\$650 Collect or Pack and Send**

Antenna Tuners

1. Drake MN 2700 matching network 160 to 10m 1kW with power/SWR meter. **\$250**
2. Emtron EAT300 100W antenna tuner with power/SWR meter fair condition . **\$50.**
3. Emtron EAT300 100W antenna tuner with power/SWR meter fair condition . **\$50.**

Antenna Tuner Parts.

The capacitors have been tested to the rated voltage.

1. Roller Inductor 28uH In good condition **\$30.**
2. Large coil 95mm diameter x 145mm long 27 turns tapped with switch **\$20**
3. 30 - 245pF 3kV variable capacitor with insulated shaft look to be new **\$50**
4. 30 - 245pF 3kV variable capacitor with insulated shaft look to be new **\$50**
5. Dual Differential 110pF +110pF 5KV Variable capacitor used **\$30**
6. Dual Differential 110pF +110pF 5KV Variable capacitor used **\$30**
7. Dual Differential 80pF +80pF 5KV Variable capacitor used **\$30**
8. Dual Differential 80pF +80pF 5KV Variable capacitor **\$30**

Russian 8-350pF Vacuum Capacitor Tested to 10kV New in box **\$200**

Power Supplies

1. Perini and Scott JVC high voltage power supply. 0 to 300V DC at 100mA with overload cutout, 6.3V at 2A AC. Completely refurbished and fully working. With schematics. **\$200.**
3. DSE VK Powermaster 13.8V 20A Linear power supply in good condition and fully working. **\$100.**
4. Jaycar MP3090 3-15V 40A power supply. **\$100**

5. Jaycar SRV5 240V 500W variable transformer (Variac) **\$125**
6. BWD 272A 20V 2A and 50V 1A power supply **\$75**
7. Loadstar PS305 dual 30V 5A DC power supply **\$100 Collect or Pack and Send**
8. HP 6202A 40V 0.75A DC power supply **\$25**

Transceiver accessories

1. Ten Tec 5061 1.5kW 30MHz low pass filter in good condition and working. **\$50.**
2. Digitor 2m 30W FM amplifier in good condition and working **\$25.**
3. Digitor 2m 30W FM amplifier in good condition and working **\$25.**
4. Drake TR-7 accessories FA-7 Fan **\$20.**
5. Drake TR-7 accessories NB-7 Noise Blanker **\$20.**
6. Drake R-7 accessories AUX-7 channel board with one RRM7 **\$20.**
7. Drake TV-75-HP 52MHz high pass filter **\$10.**
8. Yaesu YP150 150W HF dummy load and power meter **\$50.**
9. MFJ 1026 Noise Cancelling Antenna New in box **\$120.**
10. MFJ 915 RF Line Isolator **\$30.**
11. MFJ 915 RF Line Isolator **\$30.**
12. RM KL145 2m 25W to 110W amplifier New in box **\$75.**
13. RM KL145 2m 25W to 110W amplifier New In Box **\$75.**
14. COMET CSW-20N 2way coaxial switch N connectors **\$40.**
15. D5204 4 Way 500MHz coaxial switch SO239 **\$50.**
16. AVAIR AV1000 1.8MHz to 1300MHz 200W power/SWR meter **\$125.**
17. Welz SP250 1.8 to 60MHz 2kW Power/SWR meter **\$50.**
18. Emtron EP2000 Power/SWR meter **\$50.**

Microwave Equipment (23cm and above)

1. Kuhne MKU 13 G3 2m to 23cm transverter 1W out. (note \$600 new). **\$300.**
2. Kuhne DB6NT 28MHz to 1296MHz transverter MKU G2B 28 Kit (assembled and tested) **\$250.**
3. ID Elektronik D24-04-12 23cm interdigital filter 1296MHz **\$100.**
4. 4 way power divider N connectors for 23cm **\$25.**
5. Rojone AMA-2250-3M 3 way power divider 100W 0.8 to 2GHz N connectors. **\$25.**

6. HP 11692D dual directional coupler 22dB 2 to 18GHz **\$100.**
7. Two HP 394A 1000 to 2000 MHz 6 to 120dB. Samples the through connection and provides an attenuated output. Through connection rated to 200W **\$50 each.**
8. HP 8494B 0-11dB step attenuator N connectors DC to 18GHz **\$25.**

HP 423A Crystal Detector with matching load resistor **\$30.**

Power / SWR Meters.

1. Grundig Grid Dip Meter 1.5 to 250 MHz Good condition and working **\$50.**
2. AVO 1000 analog Multimeter in good condition and working **\$40.**
3. Heathkit QM-1E Q meter in good condition and working **\$50.**
4. Rohde & Schwarz LARU inductance Meter 100nH to 1H In good condition and working. **\$50.**
5. Marconi TF 2304 AM FM Modulation Meter 10MHz to 1000MHz auto tune in good condition and working. **\$100.**
6. Trio SG402 100kHz to 30MHz RF signal generator **\$50.**
7. Trio AG202A 20Hz to 200KHz audio generator **\$30.**
8. HP8904A DC to 600KHz function generator with book **\$100.**
9. Telenoic Instruments step attenuator TG-950 DC to 150MHz 0-102dB **\$25.**
10. Philips PM6303 RCL meter (LCR meter) **\$50.**
11. Takeda Riken TR4132 1GHz spectrum analyser **\$400.**
12. Digitech QT2202 2.7GHz Frequency Counter **\$75.**
13. National BN-500UBE 500V Insulation Test Set 6 x AA batteries Hand Held **\$50.**
14. HP 355D & HP 355C DC to 1GHz attenuator 0-120dB + 0-12db **\$75.**
15. HP 411A RF voltmeter 500kC to 500MHz with BNC probe tip. **\$50.**
16. 30w 10db 4GHz attenuator **\$30.**
17. HP 453B Power Meter with 8484A sensor -20dBm to -65dBm to 18GHz **\$300.**
18. Rojone AMA-1250-10-1W 10dB directional coupler 200W 0.8 to 2GHz N connectors. **\$75.**
19. Mini-Circuits ZFDC-20-C 100MHz to 2GHz 20dB Directional Coupler SMA with 2 x N adaptor low power.

Mark – VK2XOF

Until next issue,
73, Ray – VK2ASE