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This is VK6 ARN news West we are a community organisation and we've been serving up the best amateur radio news in Australia since 1931

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Hi there it's Clinton VK6FCRC and welcome to newswest for the 18th of August 2024 now on with the show

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well we've been telling you about Perth tech for some time now and now we can tell you the bookings are open for Perth tech you can buy your and at Perth tick and in case you've just landed on the planet and haven't heard about Perth tick here's the rundown pertec is on Saturday September the 21st and it's a full day of presentations of a technical and practical nature which are aimed at amateur radio operators are opening presented this year is munier Salem K 4AQ who is leading the ongoing development of free DV mania is also involved with the software side of winlink in addition there is a full program of presentations followed by a sundowner the date is Saturday September the 21st starting at 8:30 AM the venue is the gigantic recreation centre and I can hear some of you saying oh that's a long way up well it's comparable distance from the Perth CBD to mandari and kanana just 16 kilometres up to Jay road from the road highway so we've got that out of the way so this year we're charging a fee of \$30 almost all of which goes towards your morning

afternoon teas lunch and a few other little bits and pieces and we decided this year not to conduct a public raffle to fund Perth tech everyone's doing raffles nowadays since we kicked off the idea a few years ago so we thought we'd give you a break we do however rely on the generosity of those attending in supporting the on site raffle and we already have prizes donated and are seeking more in past years local amateur radio clubs have supported Perth tech with generous donations and it would be great if that could happen again and now it's over to you here's how you can help Perth tech be the success that deserves to be firstly set aside the time make your mind up decide to go next tell others about Perth tech and encourage them to attend Can you believe it some people don't listen to news W mention Perth tech at club meetings and gatherings organised car pools travel together book your ticket that's important pre registration is essential as what you pay is for the catering walk-ins will be politely refused and it's a long way to have travelled to be told to pit I mean go away so for the nitty gritty on how to do this our website isvk6.net and that's where you go for Perth tech information and there's also a link there to the booking site the booking site accepts card payments online I'll be at ham fest promoting Perth tech and then I can assist you at hamfests by taking cash sales and I will not be taking cash at any other time for Perth tech tickets so that's another reason for you to be at ham fest so let's all rock up and make this the biggest and best per tech the website againvk6.net and I'm Bob VK 6 POP

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there's not too many weeks to go until the anzia G ham fest is on again that means it's time to stock up on tickets in the NC GM fest raffle this year the raffle have 4 prizes a \$2000 voucher for end use communications feeded by whatever you want a Yaesu FTM 350 Watt mobile a Yaesu FT70DR handheld and if yasu isn't your brand there's \$100 voucher from horizon antennas tickets are on sale now ending at 12 noon on the 25th of August at the end CGM fest tickets are \$5 per entry and are available for sale across NSW Queensland SA Tasmania Victoria and of course WA full raffle and prize details are available via the raffle link URL on the website at ncg.org dot AU don't forget to come and join the club and our guest sellers on August 25th at the Cyril Jackson rec centre at the end of Fisher St. in bassendean a big shout out to the NCG ham fest committee who are working really hard to bring you a bumper event I'm Glenn victor K6PAW for the northern corridor radio group 7 three

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here's a job opportunity for someone I'm looking for a budding journalist to document Perth tech preferably from Friday afternoon set up through to the end of the weekend on Sunday morning however all day Saturdays are closed second best now let me explain those of us

involved with running the show are usually busier than A1 legged man in a \*\*\*\* kicking contest and we tend to forget to take photos and make notes and things like that well why do we need that possibly because we're a bit vain but the real reason is that something like Perth tech needs to be documented partly because it's good for promotional purposes but also because the material will be published in amateur radio media outlets as a news story so what's the job description take lots of photographs make notes of what or who they are about ask people a few questions and so forth then make more notes and turn it into a story afterwards you'll get full credits for the story and the photos and you'll also get the same lousy pay that the rest of us get at Perth tech are you interested or know someone that is send an e-mail to Perth tech at vk6.net or talk to me at ham fest I'm Bob Vicki 6P OP

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HI just a little note about VK 6 RG and the wag technical and general net having it run every Sunday morning on VK 6 RLM that's 146 decimal 750 or channel three in the old money and it starts at 10:30 AM this morning of course if you're listening in the evening it's next week

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on Tuesday afternoons and evenings the 40 and 80 metre bands come alive with the sound of slow CW who would have thought that this ancient art which some say was once such a dreaded part of the amateur licence test would become so popular in these days of modern communications the uncontrolled net is run in designated portions of the two bands to encourage new CW operators to have a go at slow CW in a safe and really friendly environment slow speed and lots of mistakes are par for the course it's all about having a go starting with the basic call sign and RST exchange then over time getting better and better the net also attracts its fair share of old timers who enjoy helping others to have a go or to just enjoy the banter the CQRS net started in WA three years ago and has been running every single Tuesday and has been unbelievably popular the net runs from 3:00 PM until about 7:00 PM on 40 metres then moves to 80 metres and we've had up to 60 stations on air having a go and who knows how many listeners we're out there every Tuesday as well so the CQRS net is on 40 metres between 0700 Zulu and 1100 Zulu that is 3:00 PM until 7:00 PM and is held between 7020 and 7040 kilohertz then between 0900 Zulu and 1300 blue which is 5:00 PM until 9:00 PM we're on between 3540 and three 570 kilohertz every Tuesday there's no net control so when you're ready to have a go just find a quiet spot and start calling CQRS at about 75% of the speed you can copy most stations will match your speed so go slow until you're really comfortable with CW so this might be just the opportunity you've been waiting for to have a go at transmitting on CW or perhaps just to stop the contacts rusting up on your key doesn't matter whether you're brand new to the code or if you're an old timer who would like to have a bit of fun and help encourage new

operators by having simple safe QSO that their speed we'd love to have you join in too much switch mode power supply hash on 80 meters this might be the incentive to do something about it where they cheap noise canceller costing less than \$100.80 metres could be easier than you think so again the net starts at 3:00 PM every Tuesday above the DX segment on 40 metres between 7020 and 7040 then after 7:00 PM moves to 80 metres between 3540 and three 570 kilohertz there are usually stations in the West east and in between listening out for your CQRS call For more information and to receive our free weekly CQRS rag tune newsletter contact me mark VK 6 Qi via the e-mail on qrz.com or you can use our address cqrs.net@gmail.com that is CQQRS net at gmail.com and I'll be pleased to have a chat

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this is news W your amateur radio news on VK 6 ARN originating on the news W linked repeater network and HF relays

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foundations of amateur radio in the mid 1980s there was this thing called a bulletin board system or a BBS you would connect your computer to a gadget called an acoustic coupler that you would sit next to a telephone you'd pick up the handset and dial A phone number and wait until there was a squeal in your ear then you'd push the handset into the rubber cups on the coupler and watch as your computer started putting characters on your screen now truth be told my first foray was the next generation of this an actual modem where you didn't actually have to touch the telephone instead the device could dial on your behalf using so-called att commands and if we're being totally honest I never actually connected to a PBS my adventures with global communications started with Usenet news in 1990 but I'm here to make a point I promise amateur radio is a hobby that is for experimentation one such experiment is a thing called packet radio before you roll your eyes about ancient technology this gets very cool very fast at its most basic packet radio is about digital radio communication until not that long ago to play you needed a thing called ATNC or a terminal node controller when I got my license in 2010 I was told that this was a magic box to make digital communication possible between a radio and other radios and amateurs right now many people are playing with whisper weak signal propagation reporter as well as FT8 both examples of things intended to get specific chunks of information exchanged between two stations what if I want to chat or send a file or a picture there are tools like J8 call which is experimenting with the idea of using FTP 8 to chat but what if I told you that there's a better way written by John WB2OSZ named after a canine that became extinct 9 1/2 thousand years ago direwolf is software that implements an expensive piece of 1980s hardware at TNC that runs just fine on a \$5 Raspberry Pi it's been around for over a decade the oldest

date I can find is March 2013 though undated versions before that exist it's an example of a so-called software modem simple to get started and it implements the essential pieces of packet radio it's currently running connected to my radio and I can see packets of information scrolling past in this case I'm tuned to the local aprs or automatic packet reporting system frequency of 145 decimal 175 megahertz it's the same information that you can see if you point your web browser at [apre.fi](http://apre.fi) while that's great it's just the beginning tune to another 2m or 70 centimeter frequency and you can use it to connect to a BBS being run by a local amateur or you can tune to ah frequency and connect to one run somewhere else direwolf also supports a technology called kiss keep it simple stupid yes really developed by Brian WB6RQN Phil KA9QMK3MC and others kiss allows you to connect to modem like direwolf to a computer and use technologies like TCI the primary language of the Internet across a radio link any radio link let me say that again with different words you can use your HF radio to browse the Internet no proprietary modes insight weak signal error correction included all open source all free all ready to go while we are singing its praises dire wolf can also act as an eye gate an interface between radio and services like aprs.fi a digipeater that receives and retransmits aprs data and plenty more it gets better what if you wanted to use something like ritty PSK 31 Olivia or some other mode you could use fldigi instead of Diebold since it too supports kiss to be fair there are lots of moving parts here and I've glossed over plenty this isn't intended to discuss precisely how to do this rather that it's possible at all and has been for quite some time I can't wait to attempt to browse the Internet using my radio for nothing other than the thrill of attempting it I wonder if I can do this with Morse code as the underlying protocol only one way to find out I'm on I victor K6FLAB

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good morning this is Roy VK 6X victor with this week's helpline the 18th of August 2024 today I have the following items for you I do have a correction for last week I mentioned there was an Atlas 120 incorrectly it was an A test ATAS120 CHF UHF mobile tunable antenna for \$380.00 or nearest offer that is the correct details for that item it wasn't the Atlas and do they also have 80 meter antenna mobile \$15 or under a stuff on that one there's also a 20 meter antenna \$15 on or nearest offer and a monster stick delta X-ray \$515 on that one also also a Yaesu fox T480R or mode 2m transceiver \$350.00 on that all nearest offer please contact Gerald on his electric telephone 0451633860 0451633860 from VK 6E tangos silent key shack equipment disposal sale we have an icon I see 720 HF 6

metre VHF UHF transceiver \$1000 or nearest offer there's an alinco DR635 VHF UHF mobile base transceiver \$500 or nearest offer there's also an MFJ 994600 Watt automatic antenna tuner \$600.00 or nearest offer there's an electric craft KP a 560m through 6 meters autotune solid-state linear amplifier less than two years old price \$4500 or nearest offer there's also a power tech MP O 309040 amp continuous power supply \$275 for that and we have a GT STP VHF UHF bojang 8 Watt handheld transceiver with charging equipment \$40.00 for that there's bothing UHF dual band handheld transceiver GT STP with charging cradle \$40 is another both hang handheld UV 5R with charging cradle and \$40 on ordinary stuff on that one as well as yet another bow Fang 5 Watt dual band handheld transceiver with charging cradle \$55 or nearest offer and there's an MFJ 17044 position antenna switch 2 1/2 kilowatt capable of 0 to 450 megahertz \$175 or nearest offer as a digitech QM1563400 amp for I see DC clamp meter I see it's a clamp meter 400 Watt \$30.00 on that is an icom alpha H2 HF external automatic antenna tuner price \$180 all nearest offer there's a there's an unpronounceable handheld scanner price \$220 or new stuffer it's a YUPITERUM victor T7100 if you want to look that one up there's also a red Davis RT dash 35.5 Watt digital one 462 to 550 megahertz handheld transceiver \$120.00 or nearest offer There's also a Yaesu fox T70D2 metre 70 centimetre hand toward 5 Watt transceiver \$275 or nearest offer there's a QR eliminator X phase HF bands 1 Meg to 30 megs 75 just offer that offer there's a Atlas 10.1 inch to two in one digital D600 touch screen laptop with windows installed 65 gigabytes and \$195 or nearest offer I've also got an enus EINS moral PHP alleven 1000 Watt RF peak power metre \$195 or nearest offer on that one I just about got every letter of the alphabet every which way you can think of it here but do a carry on uh also got an Acer aspire 15.5 inch screen laptop model NIC4 alpha 3.541 series \$550 or newer suffer on that one I think I'll give this a miss in a minute it's also high gain vertical antenna model alpha victor 620 complete with instruction manual \$375 or nearest offer buyers please contact Dudley VK 6KBY on mobile number 0417992487 sorry about the delivery of all that stuff it's a bit confusing 0417992487 or e-mail to VK 6KBY at gmail.com and that comes from Tony is now mobile number is 0472608523 if you prefer to ring him and get those details again it's Roy that's all I got for this week let's enough anyway cheers 73 cheers 7th right

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hi there it's Clinton VK6FCRC back with you and did you know that news W is now on YouTube type in.youtube.com/ at newest weekly podcast dash KZ7YC ohh and before I go I'd like to thank those watching on YouTube or a TV the readers and you for listening I'd also like to thank our team the broadcasters and those submitting content each week play standby now for callbacks after the broadcast we'll head over to the vca six.net website and fill out the forms so we know how many people are listing each week

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Submitted text follows Broadcast transcript

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AMATEUR RADIO Disposals HELPLINE 18th August

2024

PLEASE Have your HELPLINE requests into me by 07:00 hrs WST Friday

to be in the next

broadcast to email ; <roy.watkins@bigpond.com> or (vk6xv@gmail.com)

Contact me and keep our equipment in Amateur hands, 73 Roy.

vk6xv@bigpond.com

Please enter "DISPOSALS or HELPLINE" in the subject

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Here is this weeks Amateur Radio Disposals helpline.

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WANTED; Valve bank details & Valve type 6L6G

hi roy working on a HMV 420 from 1940 and i believe the audio output tube has problems  
The

tube is a 6L6G

: ron b <ronb28@hotmail.com>

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ATAS 120 VHF/UHF Mobile tuneable antena \$380 ono

Hamtennae M80-1 \$15 ono

Hamtennae M20-1 \$15 ono

Monster Stick DX5 \$15 ono

Yaesu FT-480R all mode 2 meter transceiver \$350 ono

Hi Roy can you please re advertise last weeks list of sale items this time can you replace  
the

phone number to this one Mobile 0451 633 860

thanking you for your help

Gerard VK6QM

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VK6ET (SK) HAM SHACK EQUIPMENT DISPOSAL SALE.

Item 1.

ICOM IC-7200 HF/6M/VHF/UHF TRANSCEIVER.

Price: \$1,000.00 ono.

Item 2.

ALINCO DR635 VHF/UHF MOBILE/BASE TRANSCEIVER.

Price: \$500.00 ono.

Item 3.

MFJ 994, 600 WATT AUTOMATIC ANTENNA TUNER

Price: \$600.00 ono.

Item 4.

ELECRAFT KPA-500 160-10M +6M AUTO TUNING SOLID STATE LINEAR AMPLIFIER (less than 2 years old)

Price: \$4,500.00 ono.

Item 5.

POWERTECH MP3090 40 AMP CONTINUOUS SUPPLY PSU.

Price: \$275.00 ono.

Item 6.

GT-STP VHF/UHF BAOFENG 8W/4W/1W HANDHELD TRANSCEIVER. (c/w charging cradle)

Price: \$40.00 ono.

Item 7.

UV-5R VHF/UHF BAOFENG 5W HANDHELD TRANSCEIVER. (c/w charging cradle)



Price: \$40.00 ono.

Item 8.

BF-F8 VHF/UHF BAOFENG 5W DUAL BAND HANDHELD TRANSCEIVER. (c/w charging cradle)

Price: \$55.00 ono.

Item 9.

MFJ-1704, 4 POSITION ANTENNA SWITCH 2.5KW PEP, 0-450 MHz.

Price: \$175.00 ono.

Item 10.

DIGITECH QM-1563 400 AMP AC/DC CLAMP METER

Price: \$30.00

Item 11.

ICOM AH2 HF EXTERNAL AUTOMATIC ANTENNA TUNER.

Price: \$180.00 ono.

Item 12.

YUPITERU MVT-7100 MULTIBAND HANDHELD SCANNER.

Price: \$220.00 ono.

Item 13.

RETEVIS RT-35 0.5 WATT DIGITAL 462-550 MHz HAND HELD TRANCEIVER.

Price: \$120.00 ono.

Item 14.

YAESU FT-70D 2M/70CM 5 WATT HAND HELD TRANCEIVER.

Price: \$275.00 ono

Item 15.

QRM ELIMINATOR X-PHASE HF BANDS 1MHZ to 30MHZ.

Price: \$75.00 ono.

Item 16.

KOGAN ATLAS 10.1 inch 2-in-1 D600 TOUCH SCREEN LAPTOP WITH WINDOWS 11  
INSTALLED (64GB).

Price: \$195.00 ono.

Item 17.

EINS MODEL PHP 11, 1000W RF PEAK POWER METER.

Price: \$195.00 ono.

Item 18.

ACER ASPIRE 3, 15.5 SCREEN LAPTOP, N1C4 A315-41 SERIES.

Price: \$550.00 ono

Item 19.

HI-GAIN 6 BAND VERTICLE ANTENNA MODEL AV-620. (Complete with Instruction Manual)

Price: \$375.00 ono.

Buyers please contact Dudley, VK6KBY on Mobile number: 0417 992 487 or on Email:

vk6kby@gmail.com

Or Tony VK6ATI on Mobile number: 0472 608 523 or on Email:

targenti@aussiebroadband.com.au

Kind regards

Michael

0403 854 720

0403 854 720

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WANTED: Collins 75S-3 80-10m HF valve receiver, fitted with standard 200Hz CW filter.

Sadly, some owners remove this filter, which came as standard with this receiver, and sell it

separately.

Prefer a restored example but would consider unrestored one.

Please contact me via email at stevevk6vz at tpg.com.au with some photos of the radio.

Thank you!

Steve Ireland, VK6VZ/VK6BA

stevevk6vz@tpg.com.au>

Steve Ireland, VK6VZ/VK6BA

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1.2 to 2.5 ghz vswr meter for sale

Good working order Covers 1296 & 2400 ghz max 20 watts. \$200

Cheers Keith VK6KB/VK6EME 0488228088

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Wanted:

Icom 7000

I'd go the 7100 but the remote head does not directly attach to the radio, the photo's and video's I've seen show that it does on the 7000.

Xiegu X6100 or equivalent portable HF+6 with tuner.

Kai vk6ksj@westnet.com.au

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FOR SALE

The gear that I have i ranges from IC-7300, IC746, IC706MKIIG and a

FT817 Yaesu. A Transworld 500 watt linear

along with some small solid state linears. There are some vacuum

capacitors, baluns and remote automatic tuners, one being 800 watt

rated. Also some power supplies, antenna rotator and stuff I have not

got to yet.

I will be asking for FAIR offers on these items as I have not set any

prices.

Phone 0419 909 391 after 10:00 am and I am in Forrestdale

John Tower (VK6IM)

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