## Disclaimer

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This is VK6ARN News West. We are a community organisation and we've been serving up the best amateur radio news in Australia since 1931.

Hi there, I'm Clinton VK6FCRC and welcome to News West for the 12th of November 2023. Now with the show.

The flies are here, the sun is hot, and it's that time of the year again. Time for the NCG car boot sale. I can feel the cleansing happening. Breathe in. Breathe out. Release. You see will be on Sunday the 19th of November. See you with the Neil Penfold State Amateur Radio Centre. The NCG club rooms at the northern end of Whiteman Park enter via the gate on Ingarao. Timing is 9:00 AM fillers and 10 AM for buyers as per previous years. The sellers the charges \$5 per slot. The buyers entry via gold coin donation would be appreciated. Dig deep. They need to bring a cut lunch. It's only wanting pot. They'll be refreshments and BBQ sausages to purchase on the morning. Nice surprise. We're expecting a warm one, so please bring your hat if you're setting up your store, possibly some sort of shade. No doubt there's bargains to be had and the loads to be lightened. We look forward to seeing you then the timing again. 9:00 AM for sellers, 10 AM for buyers, Sunday, the 19th of November, NCG. Wyoming Park Access Flamingo Rd. On behalf of the Northern Corridor Radio Group, this is Glenn VK 6 DAW.

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There's a special event coming up on here. Alpha United 2 JCB. Alpha United to JCB and that's a special event call sign to commemorate the birth date. Which is the 30th of November and to pay homage to until about the great Indian scientists at Chariya Jagadish Chandra Bose. It was recognised as the father of wireless communication by the scientific community of our world and the operator of the core sign V U2 DSI has been operating this call sign for the last 18 years. So it's on here from the 23rd of November through to the 11th of December. There's a whole list of frequencies and times and things like that which I won't read out on it. There is a QRZ page, so just go over to qrz.com and put in the call sign alpha united to JCB. That's Alpha united to JCB, and there it is, all of the information. Never know where the conditions the way they've been lately or apart from the occasional CME. You never know. Your luck, of course. On again is Alpha United to JCB at qrz.com. Go and have a look.

If you happen to listen to the right part of the 80 metre band on a Tuesday evening, you might hear something that sounds like this. The CQRS net has been running every single Tuesday for the last two years and has been unbelievably popular. There are usually half a dozen, a dozen and a couple of times up to 18 stations popping in and out when they can over the four or five hours. The aim is to encourage new CW operators to have a go at slow CW in a safe and really friendly environment where slow speed and lots of mistakes. A power 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 just to enjoy the banter. 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's at their speed. We'd love to have you join in. The net starts at 0900 Zulu every Tuesday on 80 metres between 3540 and 3570 kHz and their stations in the West East and in between listening out for your CQRS call. For more information and to receive our weekly CQRS Ragu newsletter, contact me mark VK 6 Qi via my e-mail address on grz.com. Or you can e-mail me direct mark.bosma@icloud.com that is MAR k.b.osma@icloud.com Too much switch mode power supply hash on 80 metres. This might be the incentive to do something about it, but the cheap noise canceller costing less than \$100. 80 meters could be easier than you think. Sorry once again. Tuesdays from 0900 Zulu until late between 3540 kHz and 3570 kHz. Cheers from Mark BK2 Ki and VK 6 Qi.

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Hello, from the WA VHF Group, This is Dennis VK 6 AKR. First today, thanks to the team who put on Perth Tech this year. A good turnout and an excellent chance to have face to face Qsos with our fellow amateurs. Well done folks. Randall VK Six WR presented an item on tracking down the interference that had plagued us on the two metre calling frequency 146 decimal 500. It showed what persistence the combined reports of amateurs who found themselves affected, and the bringing to bear of technology to decode the interfering signals. Once identified to a health department location, some diplomacy and

patience brought about a satisfactory outcome. Well done to Randall, Dave, VK 6 KV, Will, VK6U, Martin, VK 6 ZMS, Gary, VK, SIX CG, and others for their contributions. Valve Bank Update Grateful thanks to Murray VK 6HL who has kindly offered to be the custodian of the valve bank. Barry collected the majority of valves last week and intends to re catalog them and eventually to begin testing them to. A reminder that in a couple of weeks time, the spring UHF VHF Field Day will be run Saturday and Sunday, 25th and 26th of November. The WHF group will be operating from Wireless hill using VK 6 WH and BK6 VF call sides. We extend an invitation for operators in reach of our site to come and see the climate action, enjoy a barbecue on us, bring the family because the park is a very family friendly environment. Especially if there are any newly minted operators listening, regardless that you might not yet have your course on allocated to come along and get on air using our club call sides and rings. Other clubs will doubtless offer similar invitations, so this really applies to the ones in Reasonable Reach and Wireless Hill. And if you, as an already licensed operator, know of a new chum who might not be listening to this broadcast, please let them know. The more active operators that we have here in VK 6, the better for us all. We intend to deploy our 10 gigahertz transverter, so come and see what is involved in getting onto the higher bands. Our exploits into R TTY continue and we hope to expand into other digimons on 2 metres and 70 centimetres at least. A call has been put out on WA hams but so far has had little response. If this is a topic that interests you then please be in touch with us at the club, although this is not a club initiative per se. 73 From Dennis VK Six AKR for the WA VHF Group Thanks for listening and thanks to the news team.

We haven't heard anything recently from the ACMA on the amateur radio class licensing front, so let's hope that's because it's all going well and to say too much about it at this point would be speculation. And here comes the However, however, some people are impacted now because their license renewal is due between now and the implementation of the class licence. If you're in that boat and you haven't heard from the ACMA yet, contact them by phone or e-mail, Give them your call, sign and or your client number and they'll sort you out. They were in a bit of a pickle about making refunds a while ago because the minimum refund they can make is 40 something dollars and some people would be entitled to less pro rata. They will have to work out who makes the profit or who makes the loss I guess. I'm pretty sure that if you talk to them they'll list you're an invoice for a pro rata amount for your license is due for renewal between now. And implementation of the class licence, so talk to them. While we're on the subject now, privileges aren't changing. We do need to keep an eye on what they proposed as a SOP for their reluctance to grant one kilowatt to advanced amateurs, that is, to make scientific licenses available to them. That's a cop out, and it was strongly argued against by Raza in the recent industry consultation. I don't think the other crowd mentioned it. I'm concerned about how it's all going to work really. We're to be put under a class licence. With other class licenses you get the equipment and you switch it on. However, to operate under the amateur radio class licence we must purchase a call sign from the government and possess, also at a cost and also from the government, a certification that were qualified in an exam which is set and managed by the government. If it looks like a duck and quacks like a duck.

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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.

Alright, this is Fate. Stay Fake High 6SJ. I've been suffering a little Rod has blocked the last few months and this hasn't changed yet. But this week instead of Did You know I've read out Barry Burns memoirs on his journey through amateur radio dating back to 1957. Very still extremely active on air, so I think these series of articles I will read out over the next few weeks will be very interesting. My Journey Through Amateur Radio by Barry Jay Burns OK 680I. Part One, 1957 to 1965. Well Jenny, through this great hobby began over 60 years ago. I was born in Whyalla SA. My father was a marine engineer on one of the iron ore ships transporting iron ore from Wyler to Newcastle. The lady got a position as a boiler and factory inspector with the state government. That was transferred to the state office in Port Perry SA, and I was then a teenager going to the Port Perry High School. My father had an interest in radio and electronics and had a work shed in the backyard set up for tinkering in this newfound hobby. I spent a lot of time with my father in the shed and got bitten by the radio bug. One day, my father said to me. My high school term ends at the end of the year and I'll have to go look for a job. It should be an advert in the newspaper from the PMG department offering five year scholarships to be trained as a technician. Applied to sit for the entrance exam consisting of a written general knowledge test, medical and entrance exam consisting sorry and eyes site test, including tests for colour blindness. Passed all of these tests and was accepted as one of the 90 applicants applying for a technician in trading position. I did move to Adelaide to commence my training and my parents arranged boarding accommodation in one of the Adelaide suburbs and went to the training. Center in Adelaide, South Australia by train. The apprenticeship was a five year course first. The first was on telephones, telegraphy and radio. After this. We were given the choice of which section we wanted to finish in. Naturally our chose radio and one one of the six positions available. When I completed the five year training, I came out as a qualified radio technician, got myself married and was transferred to the regional radio station 5 PA in Panola SA. Jim A. Training in radio, there was a group of technicians experimenting in transmission and reception on the 298 megahertz band known as the Pirates Band. This got my interest. At this stage where parents had moved to Adelaide in a suburb called Finden and I'd move back in with them. My father had set up his backyard shed to continue with his hobby of tinkering with electronics and radio. The father was interested in the project and between us we decided to build up a 298 MHz station with information and circuits I obtained from our work group. The transmitter consisted of a pair of 719 threes and a tune like a lines and the receiver used A6J6 regenerative receiver with tuned lakeline. And the antenna was a 16 element collinear. My father and I had fun working local pirates on this band and we had fictitious call signs. After a couple of months, her father said Son, we better make ourselves legal and get our limited Everton licence. We both applied and got the date to sit the exams. Being a smart Alec apprentice, I said I would get higher marks than my father. When we get the results back, I'll proudly said I got 83% and my father was a smirk. Showed his results, he got 90%. That put me back in my box. I got the call sign VK5Z DI and I got VK 5 ZCP. While in Panola SA, I played around with six metres AM. And had regular contacts with hands just over the border in Victoria. A. Build up a three element yagi with water pots, which was cumbersome and heavy, but it worked. In late 1962 I put in for a transfer for Darwin NT for a radio station 8DR and was able to get it so started a real adventure in the Territory but lasted for 34 years. Like Colson was then changed to VK8Z DI. I drove up to Darwin to take up the position at 8. Dr. had to be allocated before moving the family to Darwin. This took three months wait for a house from the NT government. The family arrived. By Tia Airlines that took eight hours and those days as the aircraft was during a milk run. Stopping at Alice Springs, Tenant Creek and Catherine. In 1965 my father contacted me and told me he had sat for the Morse code and his corsano is now VK 5UJ. Beat me again

the spared me on and like I later passed the Morse 14 words a minute and applied for VK 8DI which I was able to get. I'll continue my travels and I'm going to radio in Part 2 while living in Darwin until 1997.

Foundations of Amateur Radio. Over the years, I've spent many hours building and testing antennas. I've talked about this and discussed how there is essentially an infinite variety of antennas that can exist. To give you a sense of this picture a basic dipole antenna to bits of wire same length connected to a feed point. We're doing this experiment in space, so we're not concerned with trees or rope, or the ground for that matter. More on those shortly. We can make this dipole straight, or we can make it into a V shape, or bend over the edges, or make each side into a half circle and join them. Or make them into a spiral, or kink the wires, or bend them over, or any number of variations. Every time you change something, the antenna radiation pattern changes and the antenna behaves differently. While at its heart the antenna might still be considered a dipole, essentially a change in radiation pattern effectively means a different antenna. In those changes, or wire orientation alone, we have already defined an infinite number of antennas, but that only scratches the surface. We can build an infinite variety of physical antennas. Consider the designer of vertical antennas, loop antennas, log periodic antennas, Yagi antennas, slot antennas, and beverage antennas, to name a few. Once you start investigating antennas, you'll discover just how many options there are. And once you've acquired the antenna of your dreams, the work is only just beginning. To explain why this is the case, consider the process of finding an antenna to bio build. You'll find breathless reports of how amazing an antenna is and how it allowed the operator to hear a mosquito land on the back of a container ship in the middle of a tropical cyclone whilst the sunspot activity was at an all time low. Right next to those reports, you'll find another amateur describing how their dummy load performed better and cost less. If not those specific examples, you'll have no doubt found both positive and negative reviews for the very same antenna, often side by side, and if you don't, you're not looking hard enough. Leaving aside the notion that someone is trying to discredit a commercial competitor, or that the antennas are inadvertently physically different because someone put it together incorrectly, there's plenty of opportunity for other reasons for this wide range of opinion. Let's take the popular G5 RV antenna invented in 1946 by Lewis G5R Victor, who became a silent key on June 28th, 2000. The antenna is a multiband HF antenna, and there are plenty of people offering plans and kits for this antenna. Ignoring the differences in plans, let's imagine that two amateurs purchased the exact same G5 RV from the same batch from the same supplier. Both erect their antennas at their home shack or cutie hedge. And get on air to make noise. At a local BBQ, they get together and compare notes, only to discover that the two antennas are behaving completely differently. How is this possible? What other factors might cause this experience? You're not going to like my answer, but it depends. Height at which the antenna was erected, how tight you pull it between two trees, how you feed it, The type of coax you use, how much power you're transmitter users. How close it is. Pick another object, like a fence or a house. What type of ground is below the antenna, What the local noise floor is like, which direction it's oriented. Which day you use it, and finally, what color clothes you're wearing at the time. That last one isn't strictly true, but it serves to highlight that some differences exist and are so innocuous as to be laughable. For example, have you considered the type of tree and how much foliage there is when the lawn below the antenna was last watered? Et cetera? My point is that some differences aren't obvious, but they can and do make an antenna behave differently. In other words, the environment around two identical antennas is hardly ever the same. And thus the antenna system as a whole. Since the environment and the antenna together combine into a

system are never the same. This means that when you go about finding an antenna that's suitable for you, the reviews you read are only part of the story. If the antenna needs ground radials that are physically not possible at your site, then that antenna is unlikely to be suitable for your situation. Regardless of the glowing reviews, as I said, in my time I've built and bought plenty of antennas. I've also tried several by way of my local amateur radio club. I've operated a mobile station for my car, set up a portable station in numerous locations using the exact same antenna, and learns that while the environment is almost never discussed. It has by far the biggest influence on the performance of your antenna. My recommendation is to pick an antenna, any antenna. Cheap as good and start. Play with it, change how you erect it, set it up in different locations, and I'd highly recommend that you do this with a friend between the two of you. The shared installation can be used as a baseline to compare your own antenna against, and if you're both comparing notes against what you built together, you'll both have a better chance of understanding what particular difference matters. In your own setup. I'm all right. Victor K6FLAB.

This is VK 6A RN and you're listening to News West.

Let's hear a few history snippets. This one is from the Daily News. Monday the 12th of June 1950 Radio Award presented the George Scott Trophy for 1949 to 50 for Amateur Radio wireless transmitters in WA. Had been presented to Mr. Ron Hugo. The award was made on the usual basis of allotting points for equipment experiments, transmitting institute work, contests and other features. At the annual Dinner Institute, Patron George Heyman spoke of the continuing need of an organisation to safeguard the work of amateurs and to act as a connecting link. With the authorities and again from the Daily News on Wednesday the 30th of April 1952. For radio amateurs, Australian radio amateurs are having a new band of frequencies given for their use, but will lose other bands. The administrator of radio conference at Geneva in December made a band between 21 decimal 000 MHz and 21 decimal 450. MHz available to Australian amateurs as from tomorrow, said Director of posts and Telegraphs Mr. Friend Today They will, however, lose the use of those bands between 7 decimal 150 and seven decimal 200 and 14 decimal 350 and 14 decimal 4. Megacycles which got a broadcasting and fixed services respectively, so there were wins and gains there from the Daily News. Saturday the 6th of September 1952. Radio amateurs get together, youth and age were much in evidence at the first combined annual dinner of the Radio Society of WA. In the Wireless Institute of Australia, TWA division last night, among the 65 amateur enthusiasts were WA's oldest radio ham, the 78 year old WS Skipper, Schofield and the keen 15 year old. Guests were President Roger Chart of the Institute of Radio Engineers and PMG Radio Inspector and veteran amateur A Grey. Another veteran was Wallace Institute President W Coxton, one of WA's pioneers in amateur radio who helped to put six WF on the air and who is now associated with the Flying Doctor radio service. Present also with the patron of the Wireless Institute and Superintendent of Technical Education in WA, Mr. WG. Amen and long standing Amateur Radio operator Mr. RWS Hugo, President of the Radio Society of WA. Well, isn't that nice? You can have two organisations with the same task and they talk to each other.

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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@bigpond.com)

Contact me and keep our equipment in Amateur hands, 73 Roy. vk6xv@bigpond.com

Please enter "DISPOSALS or HELPLINE" in the subject

NEW ITEMS THIS WEEK.

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Here is this weeks helpline.

For Sale:

Satellite Antenna set up consisting of Kenpro KR600X azimuth rotator;

Kenpro KR-500 Elevation rotator;

KR 5400 dual antenna controller;

Fox Delta ST2 digital interface (KR5400 to RS232 / USB for computer control);

5 x 4 crossed element 2m antenna (home brew);

70cm multiturn helix antenna (home brew). Note that the controllers are old but still functioning.

\$400 ono

Frank 0413 592 488 (after 12 noon) or frank\_vk6kfd@iinet.net.au < frank\_vk6kfd@iinet.net.au>

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Don VK6UT Deceased Estate

Email: stephent@westnet.com.au

Mbl: 0401 804 166

Dear Roy. Thanks very much for all your help. However, I still have a heap of (many old and unknown) accessories my father (Don VK6UT) collected. Here is an update which is for sale or possibly (free for bits and pieces) and any reasonable offer will be seriously considered for remainder. Sorry, but I am unsure of the accuracy of some the items

listed, Pickup please

Gumtree / Market Place

1) Power Supply 13.8 volt 20 amp DC Soft Start (Working) and 20v DC

Battery \$100 ono.

- 2) Bush Radio EU35 (EZUROPE) with spare magic eye. London 1955?'s works \$200 ono
- 3) Pioneer Dynamotor Gen-E-Motor SP 175 Input 18v output 450v No 13068
- 4) Pioneer Dynamotor Gen-E-Motor E2 12V to 250V DC
- 5) 15 small approx. ½ to 1HP electrical motors \$30 each ono
- 6) Typewriter Brother AX-325 Electronic with Keyboard Cover and Manual and some accessories in working condition
- 7) Compressor (home made) to 100lbs
- 8) VSWR Power Meter
- 9) Metal capping Hard Fence (58mm x 76mm x 58mm) 3.8mtr length crimped one end. 8 pieces. \$25.00 ono

Radio Electronic

- b) Power Supply Codan Type 7113
- c) Power Supply Model LBR-800
- d) Voltage Regulator 250v?
- e) Several 10+ Small and whip type and a large TV (Type of) antennas' including The ARRL Antenna Book.15th Edn. 1988 USA and Co-Axial Relay Construction pamphlet
- f) YARGI? type antenna (Stainless)
- g) 3 hand held ICOM's Details Below
- i) ICOM IC-2E 2M FM Transceiver Hand Held with ;annual and Schematic BATTERY DAMAGE Seems to work? \$40.00 ono
- ii) ICOM IC-2E 2N 144MHZ FM TRANSCEIVER hand held with battery Seems to work? \$40.00 ono
- iii) Standard C528 .144 /430 Mhz FM Handy Transceiver and Manual(No Battery case) Seems to work \$40.00 ono
- h) Wind Meter and Instruction, Plans / Schematic Project 556

## Dismantled

- i) Many Battery power supply Chargers free
- j) Rectifiers old approx. 20 + very cheap
- k) Many of the following. 50+ meters / gauges (frequency, amperes, volts, etc), many connectors many diodes, old and new resistors, transistors, capacitors. Heaps of Cable (co-ax?) and fittings etc
- I), Heaps of vintage electrical, radio, wireless bits and pieces including
   10+ transistor radios, T-Shaped glass tube valve unknown Chinese
   writing etc
- m) RF Amp Meter
- n) Transformer Step Down 250 to 110v
- o) Transformer unknown Specs to be advised
- p) DC Meter 12v
- q) DC Meter 18v
- r) Variable Transistor AC 0-300?
- s) Meter (Heathbrit)

**Publications** 

Special Collectors Auction Old Valve Radios Garside & Webb Sale
January 1997

Upgrade 40MHz digital frequency meter, including Cat. K-3437Artical

FT-101 Instruction Manual

HF-SSB Transceiver Kenwood TS-120S and TS-120V (Photo copy)

FT-301(D) YAESU x 2 (1 x Photo copy) Manual

IC-706 ICOM Manual

IC-706 MKII ICOM Manual

IC-706MKIIG ICOM x 3 Manual

AT-120 TRIO Antenna Tuner Manual

**Precision SWR-Power Metre Instructions** 

SWR 200 & Meter instruction in Chinese with Charts in English

FT-901 Schematic

Miscellaneous

SONY TapeCorder Mdl TC-105 plus 2 reels with a tape Untested

Microphone Super Cardioid Dynamic 33-992A with instructions

**Drawing Board** 

Lamp light

Portable lights

Aluminium Extension Ladder

Stereo TEAC Radio Cassette (small)

Refrigerator Centrex

VALVES LIST.

6SJ7GT 8 PIN AWA

Vibrator Nissin 6Z – 2A D 6v 7amp 60cycle

Vibrator Ferrocart M337 6v 4 Pin 150cycle

Vibrator Ferrocart M437 6v 4 Pin 150cycle

Vibrator V5123 OAK 4 Pin

COIL 34975 5590KC Antenna 3 pin.

Coil 4510kc Antenna 3 pin

Several unknown valve type items with pins

**BOOKS** 

a) TORANA Series HB Sedan, S and SL Sedan- Scientific Pub Manual

#72 (1977) \$20 ono plus postage

Military Books

ABOVE THE WAR FRONTS A Record of the British Two-Seater Bomber Pilot and

Observer Aces, the British Two-Seater Fighter Observer Aces and the Belgian,

Italian, Austro-Hungarian and Russian Fighter Aces 1914-1918 by Russell Guest,

Norman Franks and Gregory Alegi (1st.edn 1997 Hardcover) Very good condition.

Used \$25.00 ono

BATTLE OF THE ARDENNES 1944 (1) ST VITH AND THE NORTHERN

SHOULDER. [Osprey Campaign Series 115] 2003. 96 pages by Steven J. Zaloga, Very good condition. \$15 ono plus postage.

KURSK 1943 The Tide Turns in the East, [Osprey Campaign Series 16] 1992. 96 pages by Mark Healy Very good condition. \$14 ono plus postage.

ARNHEM 1944 - Operation Market Garden [Osprey Campaign Series 24] Stephen Badsey \$15.00 ono Plus postage

The Greatest Battle: The Fight for Moscow 1941-42 by Andrew Nagorski. 25 Photo's. Paper Back 2008. \$15 ono plus postage.

LEGS ELEVEN. Story of the 11th (WA) Battalion (AIF) in the Great War of 1914-1918(pub.1940 1st Edn) Capt Walter C Belford. Previous owner's name on front end paper otherwise a very good condition copy of an exceptionally scarce title. \$1800 120 plus books on World War I

**Kind Regards** 

Stephen Truscott

1xxB Stock Rd Attadale WA



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Please have your items in to me by 07:00 AM Friday for inclusion the following Sunday broadcast.

The email address is vk6xv@bigpond.com

Don't forget YOUR phone number and email address.

Please include HELPLINE as the "SUBJECT"

Thank you.

Hi there, it's Clinton VK6FCRC back with you and did you know that News West is now on YouTube? Type in youtube.com/@newestweeklypodcast-KZ7YC Oh, and before I go, I'd like to thank those watching on YouTube or ATV, the readers and you for listening. I'd also like to thank our team, the broadcasters and those submitting content each week. Please stand by now for callbacks. After the ident, or head over to the VK6.net website and fill out the form so we know how many people are listening each week.