



Helpline Text follow's this transcript.

This is VK 6 ARN news West we are a community organisation and we've been serving up the best amateur radio news in Australia since 1931

other on Clinton VK 6 SRC and welcome to news W for Sunday the 16th of June 2024 now with the show

hello this is Dennis speak six AKR for the WA VHF group incorporated a couple of items for you today reminding you of our launch on Tuesday the 4th of the special event commemorating local radio station 6 WF centenary and the importance of Wally coxen the station's founding engineer I mentioned last week the special event core science VK 106 WF and VK 100 Cox are available for use on a roster basis keep an eye open for a roster

system to appear on the club website and maybe the Facebook page too if you need some materials to use in your presentations please let Robert be K6 WHO or me no and to the second item antenna feed lines it was our intention to transmit on HF as well but those plants were cut short by an obviously faulty feed line on our HF log periodic antenna darkness and some inclement weather prevented a full investigation however on follow up in daylight the cause was determined to be badly corroded connection in the feed line exposure to rain over some 15 plus years had taken its toll replacement connectors cut back cables and a very sound job of weatherproofing with electrical and self amalgamating tape give some hope for a long repair lifetime bonus points the long periodic is not nearly as deaf as we had experienced in the past by strange coincidence Martin the case 6 zims pointed out a YouTube video detailing exactly this sort of repair prior to our announcing the repair in the club mailing list and some others on that new hands vouch for that solution too a final comment in brief several club members showed interest in flowerpot vertical antennas for 10 metre band as had been explained by Andrew VK one ad in amateur radio magazine some years ago mark Vicki 60 and I had already made some using Andrew specifications and Robert VK 6 WHO and Dave VK 6 KV created theirs too when checked with our nano vnas results varied although they were generally acceptable subsequently I build event had ham college saw eight more built with good results being a pedantic old fellow I was keen to achieve better results and so reverted to 1st principles that exercise was cut short for testing with Lenovo and owes more on that next time the embroidery exhibition continues at wireless hill and will prevent us from having full use of the meeting room for normal Saturday activity days O see what is on and where on our Facebook page you will always be welcome so come up and say hello 73 from Dallas speak six AKR for the VHF group incorporated

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last week the wireless institute held an online meeting of club presidents to brief them about what they've been up to and to field questions I attended the meeting was informative and congenial disappointingly out of more than 100 amateur radio clubs in Australia just under 30 club presidents or the representatives attended that's not much however one thing stood out it seems a significant number of club presidents had not received the invitation invitations had been sent out by the WA via e-mail it seems to me from resulting e-mail threads that a few factors came into play firstly the WIA relied on emails alone to advertise the meeting emails were addressed to what the WIA understood to be the correct address for each club president no other means of promoting the meeting was employed secondly it could be that e-mail addresses supplied by clubs to the wireless institute were out of date however several clubs advised that their address was correct but that they had not received the emails this points to something broken in whatever method

the wireless institute uses to send bulk emails it's happened before the wireless institute is investigating what happened perhaps those of you who are stalwart Wallace institute of Australia supporters are beginning to bristle thinking this is an attack on the wireless institute well settle pedal it's not and I'll tell you why one of the most difficult things to do when running any organisation is to get the right information to members in a timely manner on the surface it looks easy but income the people the hardest part of running any organisation is the people cut out the people and it would be easy wouldn't it well yes however you'd have no club so here's what I'm getting at communication in an organisation is A2 way thing we have givers of information and receivers of information the givers those distributing information need to understand that people collect and absorb information differently and it's important to utilize more than one means of giving out that information typically these days we see emails social media posts and websites in daily use then there's periodical media such as news broadcasts and magazines now let's take a look at the receivers of this information these people are a much tougher nut to crack but let me firstly say that if you are a receiver of information perhaps a club member or part of a larger and more loosely connected group like us radio amateurs there's a responsibility that lies squarely on your shoulders to listen to to watch to look at and read the sources of information that are available it's not fair for you to say nobody told me you must accept the fact that you won't be receiving a personal invitation to every event meeting gathering etc you have a responsibility to pay some attention to the media used by the senders I hope I'm not appearing to oversimplify the area of communication but really if you're sending out information use a scattergun approach if you as a receiver are even vaguely interested in the world around you you must pay attention to the usual information distribution channels it's pretty easy and I'm Bob Vicki 6 PO

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time is passing quickly and as the sun doesn't stop rising and setting it's time to dust off your calendars grab a permanent marker and write it in the NCG ham fest is on again come August 25th 2024 you won't be surprised to find the event at the seal Jackson rec centre at the end of Fisher St. in bassendean what else do we love about hamfests the raffle this year the raffle will have 4 prizes and Andrews communication voucher worth \$2000 a Yaesu FTM 300 six \$199 a Yaesu FT70DR with \$299 and if yasu isn't your brand there's \$100 voucher from horizon antennas tickets are \$5 per entry available for sale across NSW the NT Queensland SA Tasmania Victoria and of course WA you'll have to wait another month or two for the raffle start date of the 25th of June with the raffle ending at 12 noon on the 25th of August at the NCG hempfest start saving with full details appearing on the NCR G website before the raffle starts I'm Glenn victor K6PAW for the northern corridor radio group 7 three hello from wag this is wag news for the 16th of June we had a junk sale last

week and it went off quite well we also had a raffle congratulations to Dylan who won the handheld and Trevor 6 Ms. who got the second prize 3 weeks from now will be the 1st of July which is a Monday and it will be the first Monday of the month which means the July meeting is on its way wags July meeting will be held at the first Midland scout hall in Bellevue this because the June meeting decided to have another test meeting at the Midland facility to see what attendance is like without an event although having said that there's a good chance we're going to be making Pogo sticks the July meeting of wag will be a normal meeting plus an activity we're going to make some Pogo antennas for sale at this year's ham fest which as you've heard is coming up in the not too distant future so the first Midland scout hall is located at #10 Helen St. Bellevue and it's just off of the row highway near the Clayton St. exit some of the people who came to the last meeting said that it might have been slightly further but it was faster to get to doors will open at 7:00 PM for a 7:30 PM start tea coffee and biscuits will be available and we hope to see you there Monday July the 1st 2024 this is mark VK 66LZ4VK6 RG

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out soon as rasul's online magazine QTC in this issue you'll see a detailed explanation of the recent changes to Australian amateur radio an interesting article on the history of amateur radio an analysis of radio amateurs in Australia that is who's at which level as well as a host of other interesting items from a variety of contributors these include VKF ditson daz a column for CW enthusiasts and those who wish to become one QRP and more QTC magazine is in true online onscreen format and is also available as a PDF to download visit the rasa website [vkradioamateurs.org](http://vkradioamateurs.org) to view the QTC magazine and keep an ear out for announcements about its publication it's coming soon it is said that the phoenix can fly only when its feathers are fully grown

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hi I'm mark Vicki 6X Missoula and I have some news from weisen WA did you think that weisen WA was gone moves are afoot to regroup and plan the future yes we took a great hit with the passing of the giant Jim Preston VK6JP however we will rise like the proverbial phoenix and with that I D like to announce that the weisen net both the 80 meter net and the 2m net have actually been on air the last couple of weeks Bob's taken over the microphone for and we'll be there again on Wednesday night so the 80 meter net is from 20 hours local on three decimal 5 niner niner plus or minus QRM and half an hour later at 20-30 hours local W Australian time you can TuneIn on two metres the K6R LM 146 decimal

750 and be a part of the weisend WA net there's a considerable amount that needs to be done in the background to organize just setting up even having an AGM and Bob is on his way through all of the paperwork and the e-mail network is slowly forming I guess trust me you haven't heard the last from Weiss and WA and it would be a privilege to get back to you with more information in coming weeks 7 threes from the K6W i.e.

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hi just a little note about VK 6 RG and the wag technical and Internet 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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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 have 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 three 570 kilohertz 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 qrz.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 meters this might be the incentive to do something about it with the cheap noise canceller costing less than \$100 80 meters could be easier than you think so once again Tuesdays from 0900 Zulu until late between 3540 kilohertz and three 570 kilohertz cheers from mark VK two Ki and VK 6 Qi

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the radio amateur Society of Australia rasa recently launched an innovative publication the foundation level study guide this online book is a resource for those wishing to study for their Australian foundation amateur radio qualification the study guide is in online

magazine flip the pages on screen format and it's also available as a PDF download in the near future it will be available on kindle and as a printed paperback version via kindle direct publishing both will be at a minimal price what's new and unique about this resource for Australian amateurs is that it contains live links to relevant information and further resources and custom made instructional videos on YouTube a distinct advantage of the electronic format is the live links which won't appear in print versions of any publication and importantly any changes or updates in the magazine can occur dynamically the foundation study guide becomes more powerful when used in conjunction with other rasa online resources such as the introduction to amateur radio handbook VK regs the website devoted to explaining amateur radio regulations in Australia and amateur radio tech support a helpline type of system in addition the amateur radio welcome pack is a bundle of printed resources for newcomers to the hobby enclosed in a portfolio folder these are available free to clubs that provide courses you can give your students practical and relevant material to take away at the end of the course clubs only need to pay for postage you can access all of these free resources at the Russell website [vkradioamateurs.org](http://vkradioamateurs.org) did you get that VK radio amateurs.org I'm Bob VK 6P and I'm the vice president at rasa

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foundations of amateur radio if you've heard the phrase shortwave listeners you might have wondered what on earth that was all about in relates to the length of a radio wave used to transmit information the length of a radio wave is tied to its frequency the longer the wave the lower the frequency when radio amateurs talk about bands like for example the 40 meter band we're talking about a range of frequencies where the wavelength is around 40 meters from a frequency perspective this is around 7 megahertz the 160 meter band at about 1.8 megahertz or 1800 kilohertz is considered the beginning of the shortwave bands this implies that there are longer waves as well if you've ever seen or owned a mid 1980s transistor radio you'll have seen the notation MW which stands for medium wave today it's called the am band older radios might have the notation lwa or longwave the medium wave band is a broadcast radio band that runs between about 500 and 1700 kilohertz the wavelength is between 600 meters and 170 meters when radio was still in its infancy there was also a popular long wave band with wavelengths between 800 metres and 2000 metres or 150 to 375 kilohertz today much of that has gone by the wayside with the advent of digital radio in Australia it's called DAB digital audio broadcasting the whole idea of wave has pretty much vanished some countries like Japan and the United states are in the process of discussing the phasing out of the AM broadcast band much of that

appears to be driven by car manufacturers who claim that the am band is no longer useful or used but forget to tell anyone that they really want to stop having to put AM radios in their cars because it's difficult to isolate the electrical noise from their modern contraptions in order to make it possible to actually listen to that band If you ask me it's a good imaginative to make electronics quiet something which is increasingly important in our wirelessly connected world this might lead you to believe that all activity on air is moving to higher and higher frequencies but that's not the case the properties that made long wave and medium wave radio possible in the early 1900s are still valid today for example there are whisper or weak signal propagation runs on deacons on the 2200m band or at 136 kilohertz whilst your RTL SDR dongle might not quite get down that low most of them start at 500 kilohertz you don't need to spend big to start playing my yasu T-857-D is capable of tuning to 100 kilohertz plenty of space to start listening to the 2200m band even if I cannot physically or legally transmit there if you want to build your own receiver you can check out the weak signals.com website by Alberto Italy to pop our HD where you'll find a project steva cave receiver capable of eight kilohertz to 900 kilohertz using a \$50 circuit board if that's not enough there's radio experimentation happening at even lower frequencies dedicated to listening to anything below 22 kilohertz including natural RF with the wavelength greater than 13 kilometers Renato 1K1QF key runs runs the website VLF dot IT we'll find where you'll find receivers in all tennis to build given that most sound cards operate up to around 192 kilohertz you can start by connecting an antenna to the microphone soundboard of your sound card and use it to receive via area or very low frequencies on your Linux computer you can use quick there are VLF transmitters on air for example saq grammaton radio station in Sweden opened on the 1st of December 1924 capable of 200 kilowatts to submit users about 80 kilometers twice transmits twice a year bonds 2.2 kilohertz we search while we search for higher frequencies frequencies there is still clear if the other we had at the other end of the radios consider consumption for example that the VLF or very low frequency radio waves between 3 and 30 kilohertz can penetrate seawater if you too if you to explore the mono victor K6FLAB

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you might notice that news W is kind align for content lately and I've been playing a lot of repeat stories but you can help us to change that by sending your stories tributions contributions through to West at dot UK

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waste your amateur radio news on VK 6 ARN originating on the news W linked repeater network and HF relays you might notice that news West has been logged on for content lately and I've been playing a lot of repeat stories but you can help us to change that by sending your stories or contributions through to news.w@vk6.net good morning listeners fellow amateurs and otherwise this is VK 6X victor with this weeks helpline hotline disposal hotline time today we're looking for Kai now nowhere Kai is he's on the on my computer here he's looking for an icon 7000 transceiver an icom 7000 or a 7100 preferably the 7000 though he's also looking for an eye view X6100 or equivalent portable HF and six meter radio with tuner and you can contact Kai on e-mail is cool sign is VK 6KSJ at westnet.com dot AU sees e-mail address his e-mail address once again VK 6KSJ at westnet.com dot AU now I have from Rex VK 60N following items a Ken pro KR400 rotator controller free if it's not wonderful go in the bin that's a kimbro KR400 rotator controller free to a good home there's also an access AM 1034A mobile magnetic base \$40 is 45 1/2 metres of 213 coax still on the roll \$90.00 and there's also a revex W502 SWR and power metre 1.8 to 60 megahertz \$25 revex W540 power and this WR meter 140 to 525 megahertz \$25 and a Ken wood Mike C50 desk microphone a Kenwood MC50 despite \$25 for those islands please contact Rex VK 6S November telephone 0480450055 again that's 0480450055 well the e-mail is his e-mail address is REXMAU 39@gmail.com I'll say again that e-mail address REXMAU numbers39@gmail.com next group of items comes from Barry he's still has a icon I see 32002 metre and 70 centimetre mobile transceiver a \$300.00 for that transceiver a union then 40 channel UHF set \$100 and there's a grid oscillator 1 to 1 1/2 to 250 megahertz \$150.00 beam antenna beam antenna a TH3 junior HF 20 metres 15 and 10 metres beam \$100 and there's also a ward World War 2 Royal Navy signalling lamp collectors item in the office and that one will be considered contact Barry telephone 0428959771 0428959771 the e-mail address is bravo.juliet.burns@bigpond.com John tower has the following a lot of people would know John from his earlier days selling yasu and other equipment he has the following items a year he has is an ice tea 7300 icom transceiver and I see 7 and 300 and there's also an IC746 transceiver and I see 706 mark 2G and fox T817 transceiver and a transworld 500 Watt linear amplifier along with some small solid-state linears there's some vacuum capacitors balance remote automatic tuners one being 800 Watt raided the some power supplies there as well antenna rotators and there's a lot of other bits and pieces there so if you're interested anything the transceiver is particularly or any other John's phone number is 0419909391 again that's 0419 909391 after 10:00 AM today and QH is now in forestdale that's all for me for this week that's John VK 6I Mike that's all I have for this week if you have any artists for next weeks broadcast please contact me my e-mail address is vk6xrayvictor@bigpond.com



that seems to be working again finally after all this time VK 6X victor@bigpond.com and until next week 7/3 for me and seven three from him

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Hi it's Clinton VK6FCRC helping my friends widow clean out a shack

Sorry Roy this missed you so i'll read it out

he was know on CB as Jason fosters radio 351

Elle his widow has a

Mala Hit Dsp Sdr with water fall display for sale

\$180 postage extra or local pickup in Albany

Theres a Leixen v898s unsure the price at this stage

there are other items both amateur and cb yet to still be sorted through

Please contact myself Clinton VK6FCRC at VK6FCRC@GMAIL.COM I'll say again VK6FCRC@GMAIL.COM and i'll pass the Detail's onto his widow Elle Thankyou

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hi there it's Clinton VK 6 FCRC 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 stand by now for callbacks after the broadcast we'll head over to the vca six.net website and fill out the form so we know how many people are listing each week

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Help line text follows AMATEUR RADIO Disposals HELPLINE 16th June 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.

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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Hi Roy , welcome back, we all missed you.

I have the following items for sale ...

Rex Hickling <rexmau39@gmail.com>

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#### FOR SALE

Hello Roy I have these items for sale, all in good condition

Kenpro KR 400 rotator controller only with manual \$10

Diamond X300 2m/70cm vertical antenna \$40

Welz CH20A Antenna switch \$25

Revex S20 Antenna switch \$25

Axis AM1034A mobile magnetic base \$40

New DXE-LL450 14.5m Ladder line \$35

New 45.5 m 213 Coax still on reel \$90

Rex Hickling VK6SN 0480 450 055

Hello Roy I have 3 items left from last week

The Kenpro KR 400 rotator controller IT IS FREE if its not wanted it goes in the bin

The Axis AM 1034A mobile magnetic base \$40

The 45.5 metres 213 Coax New still on reel \$90

This Week

Revex W502 swr/power metre 1.8 to 60mhz \$25

Revex W540 swr/power metre 140 to 525mhz \$25

Kenwood MC50 Desk mic \$25

Rex vk6sn ph 0480 450 055 rexmau39@gmail.com

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FOR SALE

IC3200 144/432 mobile transceiver Ser No. 01169 \$300.00

Uniden 40 channel UHF CB \$100.00

Grid Dip Oscillator 1.5 - 250 Mhz \$150.00

TH3 Junior HF 20/15/10 Beam \$100.00

Disembled and Complete with all elements ,traps etc.

Needs clean up and rusted bolts replaced....

Will send images of the items if required...needs TLC

No change Roy in the contact numbers and email address.

73's Barrie b.j.burns@bigpond.com

A World War 2 Royal Navy Signal Lamp

A collectors item... any offers will be considered.

Will send an image of it...

Thanking you

Barrie vk6adi Mobile 0428 959 771

< b.j.burns@bigpond.com >

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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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he was know on CB as Jason fosters radio 351

Elle his widow has a

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\$180 postage extra or local pickup in Albany

Theres a Leixen v898s unsure the price at this stage

there are other items both amateur and cb yet to still be sorted through

Please contact myself Clinton VK6FCRC at VK6FCRC@GMAIL.COM I'll say again  
VK6FCRC@GMAIL.COM and i'll pass the Detail's onto his widow Elle Thankyou