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

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hi there I'm Clinton VK 6 FCC and welcome to news now on with the show

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so let's talk about buying equipment new or used when trying to get your shack equipped you're torn several ways when it comes to spending your spawn doula the inner phobic tells you to buy all brand new you know it costs more but you have a big fat warranty to safeguard your investment the short answer to that one of course is yes it's true of course it is you may however have looked at second hand gear that's been advertised and realized that you can get more for your money and of course that's also true So what are you worried about or if you're not worried what should you worry about with second hand gear it's a case of caveat emptor buyer beware you can get many years of good service from used even old equipment so on the face of it purchasing used gear is an economical good idea yes it is ohh how can you protect yourself firstly never buy equipment with cash in hand from someone you don't know or can't identify you have no recourse if the gear is dead on arrival or stolen you can always ask to see the unit in operation then you'll be covered against dead on arrival however you're still not protected against it being stolen so you do need to know and remember who sold it to you if buying from online sources you

could have some protection if you know that the seller is reputable there are protections offered by payment services like PayPal or your credit card provider services like PayPal have a dispute protocol where you're protected the's leading descriptions dead on arrival non supply etc a purchase paid for directly with your credit card can offer similar protections if the item is not delivered is not at described or is do a something else you need to know about is that some retailers of new equipment aren't authorized resellers in Australia and the equipment they sell is covered by the manufacturer's warranty some sellers import the equipment from outside of Australia and it may not be covered by the manufacturers warranty these sellers often offer their own warranty and you should satisfy yourself that you're reasonably protected under that warranty by using some common sense and caution you can stock up your shack for less than it would cost for all new gear with relative safety however if you are cashed U and want sparkly new stuff in your shack go for it and please send us the photos I'm Bob VK 6 POP

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every week newest is broadcast across WA Queensland the NT NSW Tasmania and Victoria in the past we've acknowledged individual contributors but the list is never long enough never covers everyone who's making an effort visible audible or otherwise so instead thank you thank you for your time your energy your transmitter and your voice thank you for keeping the numerous repeaters up and operating thank you for your callbacks for logging them for sending them to us and for being part of the community of amateur radio if you'd like to help you can you can transmit the news register callbacks submit stories record scripts promote the news or you can get in touch our address is newestvsix.net

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passions of amateur Radio One of the unexpected benefits of this hobby is how it provides you with the ability to connect to others in ways that are not directly related to radio take for example Steve Steve appears at unpredictable times and locations being hunted by citizens and scientists and unlike Steve's potential invisible cousin the proton arc has been photographed by Aurora hunters many times it looks like observations go back as far as 1705 in 2017 physics professor Eric Donovan saw some of these photos and got curious persisted with GPS coordinates from an Aurora hunter in Alberta song despins Eric correlated the time and location and it turns out that Steve was observed as a ribbon of gas 25 kilometres wide 300 kilometres above earth with a temperature of 3000°C by the European Space Agency swarm a constellation of magnetic field measuring satellites in orbit since 2013 and planned as a four year mission so far it has almost managed 11 years Steve yeah it's not named after Stephen Hawking or Steve Martin rather if you're seeing something unexplained you might name something less scary like the hedge in the movie

over the hedge Steve was given a backronym finding words after the fact strong thermal emission velocity enhancement but I prefer Steve the NASA team at Goddard Space Flight centre have adopted Steve so it looks like a keeper I would never have even stopped to read the recent article in the local news let alone dig into the various publications if it weren't for the notion that Steve is one of many phenomena affecting the ionosphere and with it our hobby here's another example Vance kilo victor or OU published a plan on kilo victor falcom outlining a 35 project that requires minimal soldering that makes any Android phone into a handheld radio for two meters using a radio module or microcontroller a short USB cable antenna connector antenna and some Iggy gel pads Vance has come U with an open source project and circuit board design that will get you on your way he's even designed a 3D printable enclosure so you don't have to scare your friends with the bare circuit board whilst and whilst the Android app is in beta that is not quite fit for human consumption you'll need to drop an e-mail to amounts to get in on the action source code is on GitHub I came across this project after breakfast reading the ycombinator hacker news which features all manner of weird and wonderful projects links and questions from all over the technology sphere the post has expansive discussion on vance's project including thoughts on other on how to do interrelated to our hobby to our hobby again if it weren't for the fact that you're already an amateur or have taken have taken something and it would it would never considered that this was a doable project let alone discover other amateur radio projects like ham Wan and Arden or the amateur radio emergency data network the point being that we as amateurs are often pigeonholed by society into the idea of obsolete disconnected and quaint I'm here to tell you that our hobby has made me more alive than ever more connected to others around me more observant to electrical and physical phenomena and if that makes me quaint I'm OK with that also while we're on the topic OK Charlie Charles NK8 Parker talked out and told me that after talks about him movements movements he cracked up and raised and then raised the stakes by pointing out that you can get on HF with CW and that's why continuous wave or more commonly Morse code for about 100 bucks where a kit capable of SSB single sideband or more generally audio will likely set you back significantly more here's advice which I cannot fault get on the air presumably to make some noise I'm on a victor K6FLAB you may recall that Mike Beal 6 ASICS Mayo died some weeks I'd say well mikes wife Brenda has told us that on the 8th of December which is mikes birthday family and friends will be meeting at 11:00 AM at the north mall in Fremantle near the lighthouse to spread his ashes in anyone who's interested to contribute to Mike is welcome to join in and pay your respects so that's Sunday the 8th of December 11:00 AM at the north mall near the lighthouse we'll advertise it a few more times over the weeks just to remind you

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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 3 in the old money and it starts at 10:30 AM this morning of course if you're listening the evenings next week

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this this this is your amateur radio amateur radio UK6AA N origin getting West news linked repeat Lynette repeated network and HF relays

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reported in the Cumberland Argus and fruit growers advocate Parramatta NSW on the 6th of may 1937 an item headed the amateur radio operator in emergencies from time to time amateur radio experimenters have assisted the authorities greatly by supplying communications in times of emergency it being practically a daily occurrence in the United states in Australia during the last six or seven years there have been several outstanding examples of this assistance in April 1929 a severe storm swept Tasmania blotting out Rd. communications between Hobart and Launceston in addition the power in Launceston was cut out so that radio communications direct between the cities was also impossible however the submarine cable between Launceston and Melbourne was intact and messages were sent to Melbourne to be cleared it was soon found that the commercial stations could not clear the traffic an amateur stations 7DK and 7LJ in Hobart and 3LS and 3RJ in Melbourne stepped in and by using the 40 metre band during the day and the 18 metre band at night continuous communication was held for many hours meantime the Launceston stations which had been off the air due to lack of power purloined all the batteries available and reestablished communications between themselves and the outlying stations that is just one incident in which amateur broadcasters have justified their existence in WA two things come to mind when considering the value of amateurs firstly there is the work done from the Carnegie magnetic institute and secondly there is 6 NK's work with Smith and shears dealing with the former the magnetic institute is situated at Waterloo 132 miles north of Perth and is operated by a trust fund from the Carnegie institute and links up with its work with the department of terrestrial magnetism

Washington frequently the reports are necessary as the magnetic institute deals with atmospheric investigation as well as magnetism in the earth and ether owing to the enormous cost it was found that both cable and commercial wireless was impossible so federal permission was granted the reports are now all handled on the to be banned by amateurs they're being definite cheering stations in the VK fives and VK twos traffic amounts to hundreds of words a week and Washington usually gets the reports within 24 hours of preparation in connection with the latter case 6 NK don knock two and O was operator at the Wyndham meatworks radio station when he heard the photos of Smith and shears when they were forced down in their plane in the Kimberleys he followed their signal for two or three days and sent out transmissions to them not knowing that they didn't have a receiver and also maintained community rest of Australia the rest of Australia in the devising the disaster and subsequent discovery of the two men who would probably have died but for the picking up of the SOS on the short waves Australian radio experimenters can claim wonderful achievements as a result of their conscientious experiments in shortwave radio transmissions and reception on Tuesday morning November the 4th Mr. Caldecott who operates amateur station VK 2S Mike at his home in Manley was testing out a new transmitter in company with another prominent Sydney experimenter Mr. But also mainly who operates VK 2HO after they had the transmitter on the air they called the general sign CQ on 40 metres and on switching over to listen for any replies they heard station VK 6 brother Oscar operated by Mr. Array of Perth WA answer them and request that they take a message for the Superintendent of telegraphs NGO Sydney all land communication was down between apartheid and Perth and as the Perth theologies authorities were waiting to receive long messages concerning the Melbourne Cup it was essential that communication of some kind be established so that the situation could be understood at both ends Mr. Caldicott telephoned the message to the Sydney GPO and subsequently received 3 messages from Perth and transmitted 3 messages all on behalf of the Telegraph authorities the importance of sport even in 1937 cannot be overestimated

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on Tuesday afternoons and evenings the 40 and 80m bands come alive with the sound of slow CW who would have thought that this ancient art which some say was once said paraded part of the amator 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 a basic call sign and RST exchange then overtime 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 in WA's three years ago and has been run has been running

every stay using today 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 just every Tuesday through the CQ cq.net is on 40 million zero 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 Zulu 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 when you go have a go just find a quiet spot and start calling CQRS at about 75% of the speed you copy those stations 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 matter which doesn't brand new to the code code or if you're an old timer all the time to have a bit of fun and fun and rich new operators operators by having simple safe QSO's at 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 with a cheap noise canceller costing less than \$100.80 metres it would be easier than you think so 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 40 and 30 and 357 Hertz are usually there are usually station usually stations eastern in between in between listen to CQC QRS call For more information and to receive our free weekly CQRS Raju 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 cqrs.net@gmail.com and I'll be pleased to have a chat no

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good morning everyone I'm Roy VK 6X victor this week's helpline for the 27th of October 2024 today I'm back on deck I wasn't here last week I'm afraid I missed the missed the cut last week I was a little bit busy with other activities and doing an igm for the victor Mike D750 network the oldest travel safety net but I'm back here today and I hope you're all well this week I have a freebie it's a receiver a Yaesu FRG 7700 chef receiver freed or good home it's cosmetically OK or good and you may pick up at armadale mount rycon or Richmond or not to show say that mounts something anyway and armadale phone Wayne his phone number 0450 140155 again mobile 0450140155 next group of items comes from Chris VK 6ION he has a Barrett SB-250 HF SSB transceiver the cell call and tell call installed it's a single box not a remote \*\*\*\* \* in good working order with us travel VK 737 as well and victor Mike D750 frequencies and programmed 275 is the asking price in addition it has a Q

Mac SPA840 zero 13.8 Volt 40 amp DC regulated power supply excellent condition working order 85 also has an icom IC T2H2 meter FM 6m Watt what hand handled transceiver in good conditions \$20 there's a bow Fang uniform victor 5R2 meter 70 centimeter handheld with high capacity battery 15 is an OPEC SWR SWR meter did I say that yes I did is an OPEC guest WR2T meter as a little CBD type SWR meter works OK and goes down to 40 metres \$5 for that you may contact Chris VK 6ION at gmail.com is his e-mail address or his phone number 040480044604048 hundred 446 next item I have for you is the Yaesu fox T2800M asking \$150.00 and also Kenwood TS660 H of 6m transceiver \$250 there's a power supply home brew 13.8 Volt at 4:30 there's a mirage 2 metre amplifier 35 watts it's a B34 G asking 50 there's a palomar amplifier and TX225 HD asking \$50 I said I ITU home brew \$50 there's also a handheld transceiver by yasu fox T209 oblique RH plus manual 20 there's a Morse key for \$20 lowpass filters zero to 30 megahertz \$10 and a mystery bag of bits and pieces \$10.00 for that you may contact me I'm selling these on behalf of David of course I'd forgotten at the moment contact Roy VK 6X victor bigode Marlon is e-mail address VK 6X victor at bigode ecom or phone 04/20 7000995042730995 as I mentioned last week I'm having all sorts of trouble with my computer and make good firewood at the moment but if you would like to thank all the people who did update their e-mail address to me who I want to get the e-mail version each week and if you are in the same boat would like to get a copy of the helpline by e-mail please let me know at my address VK 6X victor@bigpond.com and I will put you on the e-mail version and thank you that's all I have for you thank you once again for your time and listening probably hear you again next week or you may hear me next week if you're lucky or unlucky enough to hear me 73 from now VK 6X victor

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hi there it's Clinton VK 6 FCC back with you and did you know that newest is now on YouTube type in.youtube.com/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 broadcasters and those submitting content each week please stand by and now for callbacks after the broadcast you know the over to the vk6.net website and fill out the form so we know how many people are listing each week