

VK7 REGIONAL NEWS BROADCAST

FOR SUNDAY 20 NOVEMBER 2011

<http://groups.yahoo.com/group/vk7regionalnews/>

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<Following the WIA National Broadcast after short break>

0930 IT IS THE 20TH DAY OF NOVEMBER 2011 AND THIS IS THE VK7 REGIONAL NEWS BROADCAST AND IT IS BROUGHT TO YOU BY VK7WI AND READ TODAY BY PETER, VK7PD.

THIS BROADCAST UTILISES REPEATERS AROUND VK7 THANKS TO MIKE VK7MH, TONY VK7AX, TONY VK7YBG, AND THE FOLLOWING HF REBROADCAST STATIONS:

ON 3.570 MHZ BY BILL, VK7ZK

ON 7.140 MHZ BY GARRY, VK7JGD

PLEASE NOTE THE NEW 40M FREQUENCY

ON 14.130 MHZ BY HARRY, VK7AR

ON 28.525 MHZ BY GRAHAM, VK7ZGK

AND WELCOME BACK TO GRAHAM

AND IN HOBART ON UHF CB CHANNEL 15 BY CLAYTON, VK7ZCR AND HF CB CHANNEL 22 BY HARVEY, VK7TED.

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Broadcast News

40M VK7 Rebroadcast on Move

Have you tried to listen for the 40m rebroadcast on 7.090MHz this morning?

Well, for at least the last 40 years there has been a 7.090MHz broadcast each Sunday morning. Since 2004 this broadcast has only been the local VK7 Regional News broadcast from 0930.

Following feedback and discussion with our 40m rebroadcasters here in VK7 we have decided to broadcast both the WIA National News and VK7 Regional News each week from today and it started at 0900 with the WIA National News on 7.140MHz. Why 7.140?

We have looked at the band plan and what 40m frequencies the other states broadcast on and have come to the conclusion that 7.140MHz is the safest option as the only other state to use this is VK6 and the time zone is very different.

So, if you are wanting to listen on 40m today or in future then tune 7.140MHz from 0900 and you will hear the WIA National News from 0900 and then at 0930 the VK7 Regional News broadcasts on 7.140MHz.

Thanks to Garry VK7JGD for this morning's broadcast from 0900.

Feedback is always welcome.

(73, Justin, VK7TW, VK7 Regional News and Broadcast Coordinator)

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## VK7 EVENTS CALENDAR

A summary of the events across VK7 over the coming months:

REAST – November 23 – DATV Experimenter's Group – DATV Studio Queen's Domain from 7:30pm.

<http://reast.asn.au/atv/>

WICEN – November 26 & 27 - State Equine Endurance Championship at St Helens.

NWTATVG – December 3 - Next General Meeting – QTH of Bob VK7MGW and BBQ.

<http://www.vk7ax.id.au/atvgroup/>

REAST – December 4 - Christmas Car Boot Sale and end of year festive day and BBQ – following broadcast at Queen's Domain Clubrooms.

<http://reast.asn.au/>

NTARC – December 14 - Pilgrimage to Myrtle Park from 5.00pm - Sites 7 and 8.

[www.ntarc.net](http://www.ntarc.net)

REAST – December 14, 21 & 28 – DATV Experimenter's Group – DATV Studio Queen's Domain from 7:30pm.

<http://reast.asn.au/atv/>

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#### Non-Commercial For Sales and Wanted

##### Wanted

Deitmar VK7FDIE is looking for the book - 1001 computer hints and tips – XP Edition from Readers Digest. This was released about 4 years ago and Deitmar is happy to pay new price if he can get hold of one. If you have this book and are willing to part with it then please phone Deitmar on 62782099.

(73, Deitmar, VK7FDIE)

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##### For Sale

From Joe VK7JG who is selling on behalf of the daughter of Jim VK7NO the following antennas:

Four element Com-an-tena 20M full size beam and a Two element 40M lin. loaded /cap hats as advertised in AR page 19 this month.

She would like about \$400.00 each and buyer to collect at Latrobe. Joe is prepared to dismantle them for easy transport.

Also a trap vertical for 18, 24 and 28 Mhz that Joe will throw in for free.

If you are interested please ring Joe VK7JG on 0427 128 718.

73, Joe, VK7JG

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Northern News

Northern Tasmanian Amateur Radio Club

[www.ntarc.net](http://www.ntarc.net)

Due to a lack of new items, our northern segment will be briefer this week and largely consist of repeats from previous weeks.

I really urge all members to get involved in club activity and come forward with any news items, no matter how insignificant they may appear.

Afterall, it is your club and your input will always be welcomed by the other members. Who knows, news of your latest project or radio experience might just inspire others. It will certainly make the task of your reporter much lighter.

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Repeater news

Well, the broadcast link is back up but old Murphy isn't yet ready to take his end-of-year break!

Our Repeater Officer and IRLP minder, Tony VK7YBG, lets us know via XYL Ann, VK7FYBG that the IRLP is temporarily out of order. Hopefully this outage will prove short-lived but more news as it becomes available.

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## 2012 Membership fees

A reminder, or if you were not listening last week, a heads-up to the effect that our membership subscriptions have increased. The fees for 2012 will see a single membership increase to \$25.00.

Family membership remains an additional \$5 for each additional member of the family that the primary member wishes to add to his or her \$25 membership.

This is the first increase in membership fees since the club was formed in 2004 and reflects the fact that our costs have increased since those days. We have also incurred new costs, including our largest single budget item, the Mt Barrow site fee, which was \$1022.44 in 2011.

The new fee is also in line with that charged by the other VK7 clubs.

Members can expect to receive a renewal notice in the mail within coming weeks. Could we please ask that members pay their renewal subscription as soon as possible, preferably before the start of the Club's financial year on 1 January 2012. This will enable the incoming Committee to finalise the annual budget soon after the AGM in February.

For any listener not currently a member of NTARC but wishing to join, especially to assist in maintaining what is surely the most outstanding repeater network in VK, a membership application can be found on the club's website [www.ntarc.net](http://www.ntarc.net)

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## Annual General Meeting

The annual general meeting for NTARC will take place on 8 February 2012 at the Skills Institute Alanvale, commencing at 7.30pm. As usual, we expect that the AGM will be followed by a general meeting. More details on that meeting's topic will be given on future broadcasts.

All office holder and committee positions fall vacant at the AGM. We will therefore be looking for nominations for President, Vice-President, Secretary, Treasurer and Committee member. We will also need a member to serve as Public Officer.

We ask that all members give some serious thought to who they would like to see running Club affairs in the coming 12 months, including the possibility that they might themselves step forward in 2012.

Members are reminded that they will need to have paid their 2012 subscription before being able to vote at the Annual General meeting.

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## Callbooks

We have ordered a supply of 2012 WIA Callbooks for on-sale to NTARC members.

As on previous occasions, we have ordered a box of 25 but a number of reservations have already been received and some of those members have already paid. As in the past, preference is given to NTARC members and payment is strictly COD. We expect that our stock will be sold out shortly after its arrival. Once gone we will not be ordering more.

We suggest that you let either Idris VK7ZIR or Yvonne VK7FYM know of your interest in getting a 2012 Callbook as soon as possible.

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## WICEN

NTARC's WICEN Co-Ordinator Norm VK7KTN advises that this is the last opportunity for any members, wanting to be involved in WICEN radio communications at the State Equine Endurance Championship at St Helens over 26 and 27 November, to step forward.

While now very late in the process, Norm would still like to hear as soon as possible from any additional NTARC member able to lend a hand over that weekend. There have been a few volunteers who have had to drop out for a variety of reasons, so your availability would make a difference.

Norm also advises that he is keen to hear from NTARC members willing to assist with the communications for next year's very major outing, the Tom Quilty, the Australian national event, also to be held at St Helens over the period 8-10 June 2012.

If you think you may like to get involved with that major happening, Norm suggests you make it to the State event at St Helens next weekend to either get acquainted with the WICEN role or to brush up on procedures, if you haven't taken part for a while.

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## Next NTARC meeting

The December meeting will be another social event - the yearly pilgrimage to Myrtle Park on 14 December for another open fire and barbeque, with overnight camping also available for those wanting to stay. Usual meet time is from 5.00pm until whenever. We hope the weather is much kinder this year than it was in 2010. Sites 7 and 8 have been booked in NTARC's name. Wood can be purchased on arrival at \$15.00 per large bucket. For those staying overnight the cost is still \$3.00 per van/tent and we look forward to seeing you at each of these events.

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## Education and Training

At this time, NTARC has no formal classes planned although, as always, that situation would be reviewed in the light of demand.

In the meantime individual licence training sessions and assessments can be arranged by contacting either our Learning Facilitator Idris VK7ZIR or our Education Officer Peter VK7PD, who is also the appointed WIA Assessor here in the north, through the club website at [www.ntarc.net](http://www.ntarc.net).

So, to any of our listeners who may be thinking of embarking on a Foundation licence, or to any of our Foundation or Standards licence holders who would like to upgrade to the next level, we remind you that Idris and Peter are eager to hear from you.

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#### Coffee Mornings

A reminder too that NTARC meets informally for coffee each Monday and Friday at Friends Cafe, in Jimmy's shopping complex off Charles Street, Launceston between 10.30am and 11.30 am.

#### Finally

A further reminder that if any of the NTARC members have any items of news they would like added to the Sunday broadcast, they should please contact Yvonne VK7FYM at [ypmaxwell@...](mailto:ypmaxwell@...) or via the NTARC website. Similarly, Yvonne would be grateful for any suggestions for possible meeting topics in 2012.

(73, Yvonne, NTARC Inc. Secretary)

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North West News

Cradle Coast Amateur Radio Club

<http://www.my-x15.net/ccarc>

The CCARC will be assisting WICEN SOUTH at the Equine Endurance State Championships next weekend at St Helens in what will be a busy weekend. We have a team of enthusiastic operators gearing up for the event which is the lead up event for the major national event of the year, the TOM QUILTY 2012 Endurance ride, also to be held at St Helens.

The CCARC has also been asked to provide radio coverage for a new bicycle event, The Pure Tasmania Cycle Challenge. The gruelling road event is to be run on Sunday Feb 26th 2012, and starts at 6am in Devonport, travels through Sheffield to Cradle mountain lodge for lunch. It then continues across to the Murchison Hwy, through Rosebery and Zeehan and finishes in Strahan by 7pm that evening. The event coverage will be run on commercial VHF radio channels.

These events play an important part of promoting amateur radio to the general public while providing a worthwhile service to the community.

The CCARC would also like to welcome two new members to the club, namely Ross Broomhall VK7FAAB, and Rick Polden who has successfully completed his foundation exam and will hopefully be on air in couple of weeks with the call VK7FRIK. Please make Rick welcome when you hear him on air.

The CCARC assessors can conduct exams for all amateur licences across the coast at a mutually convenient time and at short notice if required.

The club has had a successful year with a strong membership growth and has been leading the way on the north west coast in providing activities, field days, assisting with community events and working to improve repeater and beacon facilities in the North West area. The CCARC also has strong ties with, and supports other clubs around the state. Please support the club that supports you.

Potential new members can obtain a membership application on the club's web site, which can easily found by doing a google search of CCARC TAS, or by contacting the secretary, or one of the other committee members.

Please note, there will be no club meeting in December and the next meeting is scheduled for January 28th

Regards

(David Cleland, VK7DC, Secretary, CCARC)

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North West Tasmanian ATV Group (NWTATVG)

<http://www.vk7ax.id.au/atvgroup/>

Next General Meeting

The Next General Meeting of the Club is scheduled for Saturday 3rd. December at the home of Bob VK7MGW and Ursula VK7FROO, Malonga Drive, Burnie.

At the last meeting It was resolved to not have a formal Christmas Dinner this year, but to have a BBQ luncheon/evening at the conclusion of next general meeting.

Bob informs us he has all the BBQ facilities in top shape and that both Ursula and himself are looking forward to being hosts for members and friends. All welcome.

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## Amateur Radio Assessments and training

Persons in the N/West Area of VK7 interested in Training and Assessments for all classes of Amateur Radio Licenses are advised that the Club can provide these requirements and much more.

Maybe someone wishes to upgrade. Well the club has the appropriately trained personnel with Facilitators from the Radio and Electronics School who can attend to all requirements should candidates so desire.

For more information, please contact the Club's Learning Organizer Tony VK7AX, or the Club.

Contact details can be found on the Club Web Site or the WIA site under VK7 Clubs.,

<http://www.vk7ax.id.au/atvgroup/>

73's until next time

(Tony VK7AX, President - North West Tas. ATV Group)

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Southern News

Radio and Electronics Association of Southern Tasmania Inc.

<http://reast.asn.au/>

Christmas Car Boot Sale and end of year festive day:

On Sunday December 4 immediately after the broadcast, REAST will be holding an end of year get together that will combine a car boot sale and an end of year BBQ as well as other delicious foods. A giant Xmas hamper will also be up for grabs. Put this date in your diary as it is bound to be a great day for all members and friends of the club.

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#### Airport Excursion:

The trip to Hobart Airport set down for 26 November is fully subscribed. Due to the high interest in this event another will take place in late January. If you are interested in this trip, please flick an email to secretary@... to book your spot. The November trip will see the group visiting RotorLift helicopters first up before popping up to the tower and then doing the short stroll over the Weather site at Hobart Airport. It is also hoped that we can take a peek at the new fire fighting trucks but that is yet to be confirmed. It should be a great morning.

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#### Membership Renewals

A reminder that memberships are due for renewal by 31 December. By renewing by this date it entitles you to full voting rights and the ability to nominate or second a nomination for the upcoming elections in 2012. We will endeavour to send out to all known addresses a pre-filled renewal for your convenience to all members, previous members in case they wish to reinstate their membership and known friends of the club.

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#### Ross Sewing Circle:

A reminder that REAST is a drop off point for donations for the Ross Sewing Circle Gathering in 2012. If you have a donation for the Sewing Circle please let me know and I will arrange for the item to be

stored safely away and receipted so that the Sewing Circle have an idea of what items are heading their way.

73's

(Tony VK7VKT Secretary REAST)

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REAST Training, Education & Assessment

An examination session was held yesterday and we had at least five attendees.

There will be a report next week on the outcome of the assessments next week.

If you are interested in participating in this examination session in future then please contact our learning organiser Reg VK7KK on 0417 391 607, immediately or email on regemm@....

(73, Reg VK7KK, REAST Education Officer and Assessor)

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DATV Experimenters Night

<http://reast.asn.au/atv/>

Last Wednesday night we had another great roll-up both physically and virtually. Our program consisted of presentation about Finland by 7TW's harmonic then a practical presentation of winding toroidal and binocular former inductors and transformers.

Justin VK7TW took the audience through some techniques of interpreting, preparing, winding, and installing on inductors and transformers onto the KB9YIG 2m SDR kit that was shown last week.

Both Steve VK7OO and Justin purchased these kits and Steve is already using it to receive some impressive satellite slow scan images. Last week Justin demonstrated some of the SMT soldering techniques on the kit.

The video presentation was a collection of interesting videos courtesy of the Interweb including some great NASA tribute videos to the Shuttle program.

This Wednesday night will see a continuation on some new Arduino shields that are being experimented with along with some motor control and robotics applications.

Our video presentation will be the Single Side Band talk given by Mike VK7MJ at our November presentation night.

Do you realise that you do not have to be a radio amateur or need any ATV equipment to participate in the DATV Experimenter's nights!

We now stream the DATV Experimenter's nights on the internet compliments of the British Amateur Television Club. The details can be found on the email edition of the broadcast and the member stream is VK7OTC.

[http://batc.tv/ch\\_live.php?ch=5](http://batc.tv/ch_live.php?ch=5)

You can also receive the DATV signal in Hobart.

The Digital TV frequency is 446.5MHz and it is a standard DVB-T broadcast which means that many standard and high definition set-top boxes and Digital TVs may be able to tune into the broadcast.

A directional antenna pointed toward the domain with a reasonable amount of gain and a set-top box or TV that can tune 446.5MHz is all you need.

Take a look at the link on the email editions of this broadcast for a list of those Set Top Boxes that can tune the frequency.

[www.vk3rtv.com](http://www.vk3rtv.com)

We get underway on Wednesday night from 7:30pm.

See you there.

(73, Justin, VK7TW)

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Interesting Fact to Finish

Keeping time

While our units for measuring time seem to be here to stay, the way we measure time has changed significantly over the centuries. The Ancient Egyptians used sundials and waterclocks, as did several civilisations after them. Hourglasses were also an important time-keeping device before the invention of mechanical and pendulum clocks. The development of modern quartz watches and atomic clocks has enabled us to measure time with increasing accuracy.

Today, the standard definition for time is no longer based on the rotation of the Earth around the Sun, but on atomic time. A second is defined as: "9,192,631,770 periods of the radiation corresponding to the transition between the two hyperfine levels of the ground state of the caesium-133 atom."

(Ed-Note - say that quickly when you have had a drink....HIHI!!!!)

<http://www.abc.net.au/science/articles/2011/11/15/3364432.htm>

(Kylie Andrews from an interview with Dr Nick Lomb on the ABC Science website)

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Web & Email Edition Extra Bits!!

FUNcube-1 Satellite Forums (73 Trevor M5AKA)

<http://www.uk.amsat.org/2011/11/16/funcube-1-satellite-forums/>

UHF Station on ISS Columbus module (73 Trevor M5AKA)

<http://www.uk.amsat.org/2011/11/17/uhf-station-on-iss-columbus-module/>

Power grid experiment may drive America's clocks cuckoo

<http://www.sltrib.com/sltrib/utes/52072031-68/clocks-power-grid-electric.html.csp>

Rugby radio links – Thanks to Mike VK7MJ

<http://www.engwonders.byethost9.com/e004.html>

Rugby radio link 2 – Thanks to Mike VK7MJ

<http://www.alan.melia.btinternet.co.uk/rugbyrs.htm>

Rugby Towers Demolished – Thanks to Mike VK7MJ

<http://www.youtube.com/watch?v=bx2lhSUuGqU>

November – A Great Cause

<http://mobro.co/justingc>

Man Flies in Electric Multi-copter

<http://blog.makezine.com/archive/2011/11/man-flys-in-electric-multi-copter.html>

Diaphanous Multicolor Thread Windings

<http://blog.makezine.com/archive/2011/10/diaphanous-multicolor-thread-windings.html>

"Orchestra" of Floating Ping Pong Balls

<http://blog.makezine.com/archive/2011/10/orchestra-of-floating-ping-pong-balls.html>

Device that harvests water from thin air wins the James Dyson Award – Melbourne Based Inventor

<http://www.gizmag.com/airdrop-wins-james-dyson-award/20471/>

Nanoantennas could make for more efficient solar panels

<http://www.gizmag.com/nanoantennas-for-solar-panels/20512/>

Miniature robot rides bicycle like a pro

<http://www.gizmag.com/yamaguchi-bicycle-riding/20478/>

Smart steering wheel gives a health check while driving

<http://www.gizmag.com/smart-steering-wheel/20467/>

German museum team recreates and rides world's first electric car – 1881

<http://www.gizmag.com/autovision-museum-recreates-ayrton-and-perry-electric-car/20528/>

Robotic bear pillow tickles sleepers to stop snoring

<http://www.gizmag.com/jukusui-kun-robotic-pillow-stop-snoring/20521/>

Go On Board With a Homemade Rocket That Blasts Past 100,000 Feet

<http://www.theblaze.com/stories/go-on-board-with-a-homemade-rocket-that-blasts-past-100000-feet/>

Flexible, Stretchable Electronics

<http://www.dump.com/2011/09/29/flexible-stretchable-electronics-video/>

Eagle owl at 1000 frames per Second towards a camera

<http://www.dogwork.com/owfo8/>

Inside the Russian Short Wave Radio Enigma

[http://www.wired.com/magazine/2011/09/ff\\_uvb76/](http://www.wired.com/magazine/2011/09/ff_uvb76/)

Do you have some interesting internet sites you have some across in the last week – send them in to vk7tw@...

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VK7 Regional News Group Email Addresses

Post message: [vk7regionalnews@yahoogroups.com](mailto:vk7regionalnews@yahoogroups.com)

Subscribe: [vk7regionalnews-subscribe@yahoogroups.com](mailto:vk7regionalnews-subscribe@yahoogroups.com)

Unsubscribe: [vk7regionalnews-unsubscribe@yahoogroups.com](mailto:vk7regionalnews-unsubscribe@yahoogroups.com)

List owner: [vk7regionalnews-owner@yahoogroups.com](mailto:vk7regionalnews-owner@yahoogroups.com)

Website: <http://groups.yahoo.com/group/vk7regionalnews/>

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If you are interested in becoming an amateur radio operator or upgrading your licence then we suggest you contact your local club for details and/or take a look at what the Radio and Electronics School has to offer. They have a range of courses that can be delivered through a variety of methods.

They can be found at: [www.radioelectronicschool.com](http://www.radioelectronicschool.com)

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Finally today, a reminder to those people rostered for next week's broadcasts:

Newsreader: VK7FB

Repeaters: VK7MH, VK7AX & VK7YBG

80m: VK7EM

40m: VK7JGD

20m: VK7AR

10m: VK7ZGK

UHF CB: VK7HGO

HF CB: VK7TED

Thanks to all people and organisations who assisted with this broadcast.

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THAT CONCLUDES OUR VK7 REGIONAL NEWS BROADCAST FOR THIS WEEK.

YOU HAVE BEEN LISTENING TO OR JUST MISSED VK7WI. NEXT WEEK THE NATIONAL WIA NEWS CAN BE HEARD AT 0900 FOLLOWED BY THE VK7 REGIONAL NEWS AT 0930 HOURS.

ITEMS FOR THE BROADCAST CAN BE EMAILED TO THE VK7 REGIONAL NEWS & BROADCAST COORDINATOR, JUSTIN VK7TW AT VK7TW@.... FURTHER INFORMATION ABOUT THE BROADCAST CAN BE FOUND AT THE VK7 REGIONAL NEWS YAHOO GROUP

<http://groups.yahoo.com/group/vk7regionalnews/>

AND THE DEADLINE FOR ITEMS IS 21:00 ON FRIDAY PRIOR TO THE SUNDAY OF THE BROADCAST.

VK7WI IS NOW CLOSING BUT WILL REOPEN SHORTLY FOR CALLBACKS AND RELAY REPORTS. CALLBACKS WILL BE TAKEN ON THE FREQUENCY TO WHICH YOU ARE LISTENING.

RELAY STATIONS WILL USE THEIR OWN CALLSIGNS DURING THE CALLBACK.

FOR THE VK7 REGIONAL NEWS IT'S GOOD MORNING FROM PETER VK7PD.

VK7 REGIONAL NEWS BROADCAST

Call Back Register

SUNDAY: \_\_\_\_\_

REGIONAL BROADCAST STATION: \_\_\_\_\_

BAND

STATION

CALL BACK REPORTS

160M – 1.840MHZ

NB

80M - 3.570MHZ

40M – 7.090MHZ

20M – 14.130MHZ

10M - 28.525 MHZ

VK7ZGK

6M

VK7RAD

2M FM

VK7RAD/VK7RHT

UHF CB - CH15

HF CB – CH22

VK7TED

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