

VK7 REGIONAL NEWS BROADCAST

FOR SUNDAY 27 NOVEMBER 2011

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

<Following the WIA National Broadcast after short break>

0930 IT IS THE 27TH DAY OF NOVEMBER 2011 AND THIS IS THE VK7 REGIONAL NEWS BROADCAST AND IT IS BROUGHT TO YOU BY VK7WI AND READ TODAY BY MIKE, VK7FB.

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 WINSTON, VK7EM

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.

Records News

VK7MO New Digital EME Records

A number of new records have been claimed in the new Digital EME record category and our very own Rex VK7MO features heavily:

432 MHz: VK7MO to HB9Q, 16799.6 km, 8 February 2004

1296 MHz & 2.4GHz: VK7MO to G4CCH, 17383.3 km, 29 April 2006 and 27 July 2008 respectively.

Details of all present and past VHF-UHF records are on the WIA Records Update web page and the link can be found on the email edition of this broadcast.

<http://www.wia.org.au/members/records/data/>

(John VK3KM, WIA Records Manager)

VK7 EVENTS CALENDAR

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

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

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

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

Broadcast News

Reminder - 40M VK7 Rebroadcast

Do you realise that the 40m rebroadcast in VK7 has moved up the band to the 7.140MHz?

The WIA National News broadcast can now be heard on this frequency from 0900 AEDST and is followed by this broadcast at 0930.

We had a fantastic callback last week with the move to this new frequency and a big thank you to Garry VK7JGD who was our re-broadcaster last week.

So, if you are wanting to listen on 40m today or in future then tune 7.140MHz from

Feedback is always welcome.

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

Non-Commercial For Sales and Wanteds

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)

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

Northern News

Northern Tasmanian Amateur Radio Club

www.ntarc.net

No new items this week, so again our northern segment will be briefer and consist of repeats from previous weeks.

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

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.

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.

WICEN

At the time this news goes to air, the State Equine Endurance Championship at St Helens will have been run and won. Our thanks to the NTARC members who took part.

NTARC's WICEN Co-Ordinator Norm VK7KTN advises that he is still keen to hear from NTARC members willing to assist with the communications for next year's very major equine endurance 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 this major happening, please contact Norm.

Next NTARC meeting

The December meeting is now only a few weeks away and 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. 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 this event.

We will be having a raffle. The prize has been donated by Max VK7KY and it is handmade. Knowing how talented our Max is in the woodwork department, this will surely be a great prize to win so bring along lots of coins as all proceeds go towards our repeater costs.

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.

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

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 yymaxwell@... or via the NTARC website. As previously mentioned, we really urge all members to get involved in club activity and come forward with any news items, no matter how insignificant they may appear.

Similarly, Yvonne would be grateful for any suggestions for possible meeting topics in 2012.

(73, Yvonne, NTARC Inc. Secretary)

North West News

Cradle Coast Amateur Radio Club

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

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 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)

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, 24 Malonga Drive, Burnie.

The meeting is expected to commence around 2.00PM, with the End of year BBQ to follow the conclusion of the meeting or shortly thereafter.

The date again is 3rd. December 2011.....YES!! THAT'S NEXT SATURDAY!

This year the Club will be having an End of The Year BBQ in lieu of a Christmas Dinner.

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.

Ursula requests that everyone attending the function, wear something Back & White. We are not sure what Ursula has in store for those attending, however it promises to be a lot of fun.

As usual, an open invitation is extended to all members and friends to attend. Come along and help celebrate another successful year for the Club.

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.

Transmission of Video Archive Material.

Transmission of Video Archive Material resumed last Saturday Night 26th. Nov.) with the playing of "WIA Hamfest 1985 Highlights" which included edited highlights of the Divisional Hamfest held at the Montrose Yacht Club in 1985.

Included was a short segment of the re enactment of a transmission from the Derwent River shore line at Sandy bay to a ship moored in the Derwent using an ORIGINAL SPARK TRANSMITTER, conducted early on the Sunday Morning by Dave Thorne (Silent Key).

Viewers may recall this tape was to have been aired on Sat. 29th. Oct., however this did not happen, so it was played last night.

The next program coming up is "Highlights from The 1990 World Rowing Championships" which entailed a large involvement of The North West ATV Group.

The program is scheduled for airing Saturday 3rd. December @ 8.00 PM Local Tassie SUMMER Time.

The shows are aired via ATV in the Ulverstone area and streamed live via the BATC streamer at www.batc.tv

When connected to the Streamer, go to the button marked 'Members Stream' and click on VK7AX.

The dates again for the next Video archive material DVD's.

Saturday 3rd. December, 8.00PM Local Tassie SUMMER Time.

73's until next time

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

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.

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.

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)

REAST Training, Education & Assessment

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)

DATV Experimenters Night

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

Last Wednesday night started with a look at a couple of Arduino shields including a prototyping shield, a video experimenter's shield and couple of DC motor H-Bridge control boards that can be used to control up to 2-4A of current to permanent magnet DC robotics motors.

We had another great roll-up virtually and physically.

Our video presentation was Mike VK7MJ's recent presentation on the basics of Single Side Band which was well received.

We get back underway on Wednesday 14 December after a short break and run through the rest of December and January (the "silly season") with Wednesday night DATV nights.

See you on the 14th December from 7:30pm.

(73, Justin, VK7TW)

History News

The following was supplied by Christian Bell from the 10 August 1940 Mercury Newspaper.

Reputation for Excellence of Transmission

Modern Equipment Ensures Good Reception

ALASKA and other distant parts of the world have reported having heard transmissions from 7HO Hobart, but the engineers of the station regard such results as entirely incidental to the main purpose of the transmitter - the provision of a service of the greatest possible efficiency for listeners within a 50-mile radius of Hobart. This purpose has been achieved so completely that 7HO has gained an enviable reputation for the quality of its transmission.

Letters recently received by 7HO from Smithton and Yolla, on the North-West Coast, making requests for programme items, show that good reception of the station's broadcasts is possible much farther than 50 miles from Hobart. However, the engineers have been primarily concerned with the efficient coverage of the smaller area. Regional broadcasts to New Norfolk, Campania, Cygnet, Franklin, Huonville, and Bellerive and Lindisfarne have been successful because of the good reception possible in the country districts.

Radio equipment has undergone important changes in the 14 years during which 7HO has been operating, and the original transmitter of the station was a crude affair in comparison with the modern plant. The policy of the station has been to march in step with technical progress. One of the greatest technical improvements since 7HO opened has been the adoption of crystal control of frequencies. This method of control prevents the Wave-length of a station from varying, so that the listener can always be certain of finding the station he wants at the same spot on the dial.

A modern system of high-frequency modulation was another important improvement, of little interest to the listener, but giving a considerable increase in efficiency to the station.

The valve is the heart of a radio transmitter as much as it is the vital part of a receiving set. The use of Philips valves since 1930 has been a guarantee of quality transmissions and a safeguard against the interruption of broadcasts by breakdowns.

The opening of the Bass Strait cable a few years ago was a landmark in radio progress as well as in other directions. "Wireless" is a deceptive term, because this modern means of communication makes extensive use of wires. Enabling Tasmanian radio stations to receive programmes from Mainland stations by trunk lines, the Bass Strait cable greatly extended the scope of broadcasting in the State.

The first transmitter used by 7HO at 82 Elizabeth St. was designed and built by Mr. R. S. Hope, who before 1930 operated the well-known amateur station, 7RS, from the same address. Mr. Hope remained engineer of 7HO until 1935, when he left for the United States and England. He has since been employed by the transmitting section of Standard Telephones and Cables Ltd., London, and Advertising manager at 7HO. He spent three years with the Argus Broadcasting Services Pty. Ltd. in Victoria, and has a broad knowledge of the problems that face a commercial radio executive. He also has had microphone experience, and conducted sessions from 3SR, Shepparton. He has taken an active part in the design and installation of the large transmitters used by the British Broadcasting Corporation at Daventry for its overseas service,

The operating power of the first 7HO transmitter was 50 watts. To keep pace with the rapid development of radio transmission, the plant was rebuilt in 1934, and in 1935 the aerial power was increased.

In 1936 the studio and studio equipment received a great deal of attention, and two modern studios were installed with modern control room equipment capable of handling two programmes simultaneously.

In 1937 it was decided to improve the service to listeners and a transmitter with the latest equipment was built and erected at Mt Nelson and operated with an aerial power of 500 watts. When the new equipment was being designed particular attention was given to the quality of transmission, and the performance of the transmitter has been in line with that of the world's best stations. More than normal precautions are taken in the operation of the plant in order to maintain this performance.

The Elizabeth St, equipment was designed to serve Hobart and surrounding suburbs. The Mt Nelson transmitter gives the station a coverage extending over thousands of square miles.

The site on Mt Nelson was selected after much careful investigation. It is 900ft, above sea level and the two masts of the transmitter are 150ft in height. The site, because of its elevation, and the excellent earth" provided contributes greatly to the excellent reception which is obtained in country districts.

The policy of 7HO has been to build as much of its equipment in Hobart as possible and to purchase material through Hobart firms. Since 1935 the plant has been designed, built and operated by Mr W R Nicholas assisted by a staff of five engineers.

To guard against breaks in the transmission service, the old 100-watt transmitter has been retained at Elizabeth St as an emergency plant. It has seldom been required however, as the transmitter at Mt Nelson, in the three years it has been in operation, has been off the air for no more than one hour.

<http://trove.nla.gov.au/ndp/del/article/25818134?searchTerm=mt>

(Cheers from Christian from the National Library Newspaper Archive site)

Ed Note: There is a bicentenary celebration happening this Wednesday 30 November up at the Signal Station on Mt Nelson. It will include Coast Radio Hobart, amateur stations and demonstrations of many other communications methods used at Mt Nelson for the last two hundred years.

Web & Email Edition Extra Bits!!

ARRL/TAPR 2011 DCC Welcome Session

<http://www.youtube.com/watch?v=R4g4fd0DgD0>

Mark Frauenfelder Presents Maker Faire

<http://www.youtube.com/watch?v=2zQJlisujY8>

StarGazer 5 - Spectacular Timelapse Night Skies in HD V10394

<http://www.youtube.com/watch?v=WMY9Y5325QA>

Hendrick's QRP Kits

<http://www.qrpkits.com/index.html>

First Australian tweetup for Mars mission

<http://www.abc.net.au/science/articles/2011/11/21/3354487.htm>

Has anyone seen my invisibility cloak?

<http://www.abc.net.au/science/articles/2011/11/23/3373384.htm>

Achmed the Dead Terrorist Has a Son - Jeff Dunham - Controlled Chaos

<http://www.youtube.com/watch?v=IL357BrwK7c>

Could a solar flare wipe out life on Earth?

<http://www.abc.net.au/science/articles/2011/11/23/3374013.htm>

Inkodye develops photos on T-shirts using sunlight

<http://www.gizmag.com/inkodye-photo-fabric-dye/20541/>

LEDO offers LED lighting in a bulb-like form

<http://www.gizmag.com/ledo-bulled-led-bulbs/20542/>

Newly developed metallic "micro-lattice" material is world's lightest

<http://www.gizmag.com/ultralight-micro-lattice-material/20537/>

Titanoboa is 50 feet of slithering electromechanical art

<http://www.gizmag.com/titanoboa-giant-robotic-snake/20533/>

The following links are courtesy of CG Communicator:

Dr. John Abbott's strobe photography of insects, bats and other animals in motion is outstanding:

<http://www.abbottnaturephotography.com/>

<http://www.flickr.com/photos/abbottnaturephotography>

An interview with Siri, the personal assistant that resides inside the new iPhone 4S:

http://radiolarry.com/cnetaudio/siri_interview.mp3

How it feels to fly in the Boeing Dreamliner: <http://tinyurl.com/FeelingTheDreamliner>

60 METER IMPROVEMENTS

US Hams gain a power increase (from 50 to 100 watts PEP ERP) in the 60 meter band plus the substitution of a clearer channel (5358.5 kHz added -- 5368 kHz deleted). Four emission types (USB phone, RTTY, CW and data) are now allowed on all five authorized 60 meter channels although ham operations remain on a secondary basis in that band. <http://tinyurl.com/60MetersIsImproved>

This video is said to be from a small Yupiq Eskimo Village in Alaska. It was put together as a school computer project intended for the other Yupiq villages in the area. The video has since gone viral. Appox. 4 minute run time, starts with a black screen:

http://www.youtube.com/watch_popup?v=LyviyF-N23A

The Sistine Chapel is always crowded, so take a private virtual tour instead. Click and drag to move about and use the ± icons for magnification (or the roller on some mice). Michelangelo's artwork is fabulous: <http://tinyurl.com/Sistine-ChapelHighDef>

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

VK7 Regional News Group Email Addresses

Post message: vk7regionalnews@yahoogroups.com

Subscribe: vk7regionalnews-subscribe@yahoogroups.com

Unsubscribe: vk7regionalnews-unsubscribe@yahoogroups.com

List owner: vk7regionalnews-owner@yahoogroups.com

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

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

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

Newsreader: VK7FB

Repeaters: VK7MH, VK7AX & VK7YBG

80m: VK7EM

40m: VK7RO

20m: VK7IL

10m: VK7ZGK

UHF CB: VK7ZCR

HF CB: VK7TED

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

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 MIKE VK7FB.