

VK7 REGIONAL NEWS BROADCAST

FOR SUNDAY 5 SEPTEMBER 2010

PLANS FOR HEARD ISLAND VK0-H UNDERWAY

The Australian territory Heard Island, an uninhabited sub-Antarctic island in the Southern Indian Ocean is being targeted for a DXpedition in February 2013.

Heard Island is in the top ten of the world's most wanted DX entities.

DXpedition team leader Chris Dimitrijevic VK3FY, and co-leader Steve Chamberlain

VK6IR have announced that the planning phase for Heard Island 2013 has begun.

A total of 13 operators are proposed to activate the island for two weeks.

Chris VK3FY has already had discussions with the office of the relevant Australian Government Minister and submitted an application for Ministerial approval.

An appropriate ship for this journey has been sourced and negotiations have begun with its owners.

(Jim Linton VK3PC, Publicist for the Heard Island 2013 DXpedition)

OPEN INVITATION TO ALL VK7 AMATEURS

Grote Reber Museum and 3D Virtual Reality Cinema

For the October REAST presentation we have booked the a visit to the Grote Reber Museum at the Mt Pleasant Radio Observatory at Cambridge.

The museum has many wonderful artefacts and information about Grote Reber and his experiments mapping the Milky Way using HF from his square kilometre array at Bothwell.

We have booked Saturday the 16th October 2010 starting at 1:00pm to allow interested people to time to travel down to Cambridge and travel back afterwards.

The cost will be \$5 per person as we need to cover the opening of the museum after normal weekday business hours. The more we get may mean the cost will be less per person.

We can also organise vehicle pick-ups for those amateurs who cannot drive and would like to come along.

Please let me know if you are interested in attending the visit over the next couple of weeks so we can get an idea of the numbers.

I can be contacted on email: VK7TW@wia.org.au or phone: 0439 016 622.

<http://www.groterebermuseum.com.au/>

(73, Justin, VK7TW)

VK7 EVENTS CALENDAR

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

NTARC – September 8 – Talk on radar & stealth technology by Jason VK7ZJA. At B block of the Alanvale Tas Skills Institute campus starting 7:30pm.

www.ntarc.net

REAST – September 8, 15 & 22 - ATV Experimenter's Night - starts around 7:30pm in the Queen's Domain Clubrooms.

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

WICEN South – September 9 - St Helens – Communications survey for the 2012 Tom Quilty National Endurance Riding Championship – 160 kms

<http://tas.wicen.org.au/>

WICEN South – September 10-12 - Pyengana for the Portland Endurance Riders - 80 and 40kms rides.

<http://tas.wicen.org.au/>

CCARC – September 25 - Meeting at Penguin Lions club rooms, 19 Ironcliff road, Penguin starting 1:30pm.

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

REAST – September 29 – A Round Trip to Macca (Macquarie Island) with Warren VK7FEET – 8pm in the Queen's Domain Clubrooms.
PLEASE NOTE THE CHANGE IN DATE FOR THE PRESENTATION NIGHT.

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

NWATVG – October 2 - General meeting with surplus equipment to be held at Ross VK7WP's QTH.

<http://www2.vk7ax.id.au/atvgroup/>

ALL CLUBS INVITE – October 16 – Saturday Tour of the Grote Reber Museum and 3D Virtual Cinema at Cambridge starting 1:00pm - Entry Fee: \$5

<http://www.groterebermuseum.com.au/>

NON-COMMERCIAL FOR SALES AND WANTED

For Sale

One only Yaesu FT450AT transceiver, current model, non smoker, hardly used, would suit new buyer, complete with auto-ATU, box, manual, mic, dc-lead and low mileage...whoops usage, items sold on behalf of Bill VK7AK.

Also one only 6-position coax switch.

If interested in either item contact Al VK7AN on 0417354410.

(Regards, Al)

For Sale

Ken VK7DY has for sale:

One only three element duo band 10m and 15m Yagi in good condition

One only CushCraft R5 - 5 band 1/2 wave antenna in excellent condition.

One only 2.4m Satellite dish – a very strong all aluminium unit.

All items are open for negotiation. If interested please call Ken on mobile 0409136268

(Ken VK7DY)

NORTHERN NEWS

Northern Tasmanian Amateur Radio Club

www.ntarc.net

It was lovely to see all the regulars at Monday's coffee gathering at Lo Ena café to bid Naomi farewell. While the new owners get settled in, perhaps members would like to make the short but scenic drive out to see David VK7YUM and Norma VK7FOOD at Lilydale for this Monday instead?

NTARC members would like to wish Lois, XYL of Peter VK7PL, a speedy recovery after some recent surgery. Hope you're up and about

soon Lois, and that Peter is taking extra good care of you during your convalescence.

Time has really slipped away in the last few weeks, and would you believe that it's the NTARC monthly meeting time again this Wednesday? As usual, we're looking to get underway at 7.30, at the B block of the Alanvale Tas Skills Institute campus. This month Jason VK7ZJA will be talking about radar & stealth technology. Jason will also bring along a small Doppler radar to demonstrate, and discover just how 'stealthy' everyday objects might be. Jason invites you to bring along your own objects to experiment with too; anything that can be rolled or thrown into a radar beam would be suitable. Should be a fun evening, hope to see you there.

Thanks from

(Jason VK7ZJA, NTARC Secretary)

Grant Broadcasters buys TasRadio's old frequency in Launceston

In a knock-on effect from last week's Open Narrowcast licence auction, Tasmanian Broadcasters' parent company Grant Broadcasters has announced that it has entered into an agreement with racing station Tasradio Pty Ltd to acquire the second commercial radio licence in Launceston, subject to satisfaction of a number of conditions.

Tasradio was the successful bidder for the narrowcasting radio licence for Launceston last Thursday, which means that it will remain a presence in the Launceston market, but does not need its other frequency.

The acquisition will give Grant Broadcasters the opportunity to broadcast a second music-based commercial radio station in Launceston, "delivering a broader range of radio formats for audiences and advertisers."

For more information take a look at the link on the email and internet editions of this broadcast.

<http://www.radioinfo.com.au/news/9483/>

(Radioinfo website via Graham VK4BB)

NORTH WEST NEWS

Cradle Coast Amateur Radio Club (CCARC)

CCARC News

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

Members are advised that the next meeting of the Cradle Coast Amateur Radio Club will be held on Saturday, September 25th, 1.30pm at the Penguin Lions club rooms, 19 Ironcliff road, Penguin.

This weekend the CCARC will be operating the VK100WIA callsign from the Devonport Maritime Museum. Our use of the callsign will begin at 10am today, Sunday, September the 5th and end at 0959 Wednesday the 8th. We have the use of the call for three days and will be operating from the maritime museum from 10am to 4pm daily and then from member homes after hours.

Winston VK7EM, Anne VK7BYL, Wayne VK7FWAY and Scott VK7FTTT have volunteered to make sure that the call gets plenty of air time after hours.

Members of the public and other amateurs are encouraged to call in and see what is going on, and have a look through the museum too. The address is 6 Gloucester Ave, Devonport

Our President David VK7EX appeared on ABC local Northern radio last Friday promoting the event and the following a short snippet of the interview thanks to the ABC.

<Short excerpt of audio of VK7EX ABC interview>

Due to interference problems on the repeater input at Table Cape (438.650mHz), there is now need to transmit CTCSS 141.3hz to access the UHF repeater. This is a permanent change.

Amateur Radio Assessments

Prospective amateurs and amateurs wishing to upgrade can contact the learning facilitator Keith Winkler VK7KW who can help you along the path to a new licence. Contact details are available on the Cradle Coast Amateur Radio Club website, which is easily found by a Google search for CCARC Tasmania

Regards from

(David, VK7DC, Secretary, CCARC)

North West Tasmania Amateur Television Group

<http://www2.vk7ax.id.au/atvgroup/>

Meeting Report

A large quantity of used and surplus two way radio equipment and accessories have been kindly donated to the Club by Graeme VK7AQ. Among the goodies are RT85's & PRM8030's models, to name a couple, plus other miscellaneous bits and pieces. The Club will make some of these available to members for a small donation at it's next general meeting on Saturday 2nd October 2010 to be held at Ross VK7WP's QTH.

It is anticipated that some RT85's will be kept for another 6Meter Conversion day project.

Persons in the N/West Area of VK7 interested in Training and Assessments for all classes of Amateur Radio are advised that the Club can provide all these requirements and in addition provision of Facilitators via the Radio and Electronics School if candidates so desire.

Potential candidates and interested persons should note that these facilities can be conducted at a central location within the North West.

For more information regarding these facilities, 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.,

73's until next time

(Tony VK7AX, News Officer – NWTATVG)

SOUTHERN NEWS

Radio and Electronics Association of Southern Tasmania

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

Grab a Bargain.

Gavin lets us know that he has 2 only 2010 Call Books at the bargain basement price of \$20.00 each and one only 2009 Call Book at \$15.00. Foundation Manuals are also available for \$25.00.

Where do we get them from? See Clayton VK7ZCR at Caltex Service Station Cnr Main Rd. & Amy St. Moonah.

<http://reast.asn.au/amateurradio.php#flmanual>

Cheers

(Gavin, VK7HGO, REAST President)

September Presentation

A Trip to Macca (Macquarie Island)

Warren VK7FEET has agreed to give a presentation with pictures on the big screen about his recent trip to Macquarie Island and back as part of the Pest Eradication program.

This should be a fascinating insight in to Tasmania's most Southern island.

29 September - 8pm in the Queens Domain Clubrooms.

See you there.

PLEASE NOTE: The first Wednesday night of September will be an ATV night and this presentation will be given on the fifth Wednesday night.

<http://reast.asn.au/events.php#Macca>

Licence Examinations

If there is anyone interested in undertaking an amateur radio exam and this could be for foundation, standard, advanced, regulations or practical. Then please contact Reg VK7KK on 0417 391 607, or email on regemm@ozemail.com.au.

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

ATV Experimenters Night

Another great night with a special hello to Anders VK7FAJM and TFS Comms friend Damien who came along to see what we got up to at an ATV night.

Our show and tell was a modern 100W HF Power Amplifier complete with built in ATU. This module is being built into a HPSDR by Justin VK7TW to provide higher output power.

Then it was onto the main video presentation which was the video made of the ISS contact with South Hobart Primary School both on ATV and R2/R5.

This video was put together as a memento of the contact for each student that asked a question.

Next week we will be screening the completed video of the WIA Centenary Weekend held in May. This presentation now includes video of Dick Smith's talk about his helicopter trip around the world along with video from his own narrow gauge railway that runs around the property.

We get underway again next Wednesday night around 7:30pm and we broadcast on 444.25MHz analog ATV which is just below SBS on the UHF TV band.

<http://reast.asn.au/events.php#ATVnights>

Hope to see you along.

(73, Justin, VK7TW)

SATELLITE NEWS

European Student Competition 'In The Can'

The following story is sourced to and AMSAT News Service.

A story appearing at SpaceMart.com section of SpaceDaily.com (<http://tinyurl.com/32lxyjo>) on August 27 described the success of the first ESA CanSat competition.

High school students from different ESA Member States were able to watch their own 'satellites' soar into the sky aboard suborbital rockets during the first European CanSat competition, held at the Andoya Rocket Range in Norway.

The CanSat competition, organised by ESA's Education Office and the Norwegian Centre for Space-related Education (NAROM), was open to teams of at least four students, assisted by a teacher or tutor.

The selected teams had to build their own small CanSat 'satellite' in six months, with each team developing an experiment that would fit inside a 350 ml soft drink can. These investigations ranged from calculating variations in Earth's magnetic field and tracking the Sun, to measuring solar radiation and levels of carbon dioxide.

The most exciting day was 17 August, when the students were able to watch five Intruder rockets launch their CanSats from Skarsteindalen, a former military facility close to Andoya Rocket Range. The mini-payloads soared to an altitude of 1 km before parachuting back to Earth.

The culmination of the competition was the prize ceremony on 18 August, when the expert jury announced the results of its evaluation of the projects and selected the three winning teams:

- + The bronze award went to the Brussels Vikings team from Sint-Pieterscollege Jette in Belgium.
- + The silver award went to the Irish team Triailiu from Laurel Hill School.
- + The gold award winners were 'Team Eclipse' from St Paul's School in London, United Kingdom.

A CanSat is a simulation of a real satellite, integrated within the volume and shape of a regular soft drink can. CanSats offer unique opportunities for students to experience their first real space-related project. The participating countries in the first competition were Belgium, Czech Republic, Denmark, Greece, Italy, Ireland, Norway, Spain, Sweden and United Kingdom.

The European CanSat competition is one of many ESA hands-on initiatives to inspire young people to follow a career in science or engineering. In this way, it is hoped to ensure the availability of a highly qualified work force in the space industry of the future.

One of the primary objectives of the competition is to promote the CanSat concept in ESA Member States. Similar competitions already exist in some ESA Member States and ESA is seeking to support additional CanSat activities from 2011.

<http://www.amsat.org/amsat-new/news/>

(AMSAT News Service)

WEB & EMAIL EDITION EXTRA BITS! !

Balloon Launch Project in VK5 (VK5ZSN) Thanks to AHARS.

<http://projecthorus.org/>

The following shorts are courtesy of the AMSAT News Service:

SA AMSAT has introduced SAT Network, a regular discussion on satellites. The first SAT Network will discuss the payload options for the proposed SA AMSAT payload. It will be on the air on Sunday 29 August 2010 at 19:30. Marten, ZS6ZY, will relay on 3718 kHz and Chris, ZS6FCS, will take care of Echolink and the Webcast. (SA-Amsat

<http://www.amsatsa.org.za/>)

A video showing reception of the first signals by the SUPSI team from the Amateur Radio CubeSat TI-SAT HB9DE, launched July 12, is available on YouTube. See: <http://tinyurl.com/22keqkz>

Monitor the Copenhagen Suborbitals webpage for the countdown of an amateur built rocket launch on August 30. See:

<http://www.copenhagensuborbitals.com/index.php>

Two videos on YouTube video show the concept for a CubeSat propulsion system using plasma electrolysis of water. This prototype shows that thrust can be produced by plasma electrolysis - it burns water, so to speak. See: <http://tinyurl.com/2csky34>

The wakeup song has been a part of the space program since the days of the Apollo missions, and now NASA is giving you two chances to be a

part of this history! We need your help selecting wakeup songs to be played during the final missions of the Space Shuttle Program. See: <https://songcontest.nasa.gov/home.aspx>

Fabiano CT7ABD/PY5RX, celebrated his August 25 birthday by having the crew aboard the International Space Station sing Happy Birthday directly from space. Listen Audio by CT1EAT: <http://www.issfanclub.com/node/28329>

Echolink for Android - the suppliers of Echolink have developed an app for the Android phone system and it is live as of now. Details at: http://www.echolink.org/faq_android.htm

This time lapse footage of views of sunrise and sunset was taken by astronaut Don Pettit. See: <http://tinyurl.com/39c7ylh>

A group of 4 operators will be operating as AO1EME from IN70qk on 2-5 September. The main goal will be EME on 144 MHz, but they'll also have a 70cm. 20 el. cross yagi and plan to operate on the satellites when there is no Moon and time permits. For more information, operation status, on-line logs, etc please visit: <http://www.vhfdx.info/burguillo.html> (Gabriel, EA6VQ)

MMSSTV is an easy to use SSTV program for your PC which will allow you to receive and decode the SSTV signals from the ISS. Makoto Mori, JE3HHT has released version 1.12. MMSSTV can be downloaded from <http://mmhamsoft.amateur-radio.ca/pages/mmsstv.php>

Do you have some interesting internet sites you have some across in the last week – send them in to justingc@ozemail.com.au

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

VK7 Virtual BPL Tours

<http://www.youtube.com/watch?v=pcdY0Eetvsw> - Mt Nelson

<http://www.youtube.com/watch?v=1gsxpya3CnQ> - North Hobart

<http://www.youtube.com/watch?v=G7DfdxjRkpU> - RU ready for BPL?

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: VK7TW

80m: VK7JGD

40m: VK7RO

20m: VK7IL

10m: VK7ZGK

UHF CB: VK7HGO

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.

DETAILS TO SEND NEWS FOR THIS BROADCAST CAN BE FOUND AT REAST.ASN.AU AND THE DEADLINE FOR ITEMS IS 21:00 ON FRIDAY PRIOR TO THE SUNDAY OF THE BROADCAST.