



*** QDG DIGIPEAT August 2015 ***

Digipeat is the Official Newsletter of the Queensland Digital Group
Incorporating 'Amateur Eye', the Official Newsletter of the
South East Queensland Amateur Television Group

August QDG Meeting

The Next QDG general meeting will be held on Friday August 21 at the Redcliffe club rooms.
Doors will open at 7:00pm for a meeting start of 7:30pm.

The club is located at MacFarlane Park in Klingner Rd, Kippa Ring. (UBD Map 91 Ref G 1)

<https://plus.google.com/106119512431582251982/about?gl=au&hl=en>

The worldwide ATV QSO party is happening Friday evening, 21st August; the QDG will activate the Redcliffe club rooms at 8:30PM.

ATV operators from Australia, USA, and Europe participate in a worldwide video hookup 21st and 22nd August.

<http://www.seqatv.org/>

Editorial

Jota is not being held at BP Park this year so members are asked to help out the Redcliffe club on the third weekend in October 2015, from 9AM at the Murrenbong Scout Campsite -

<http://www.murrenbong.org.au/location.htm>

Alan VK4NA

Packet information

Operational Digipeaters in South East Queensland August 2015

VK4RZB on 144.850MHz

VK4RZA-3 on 147.600MHz



AMPRNet Portal

<https://portal.ampr.org/index.php>

AMPRNet Wiki

Since its allocation to Amateur Radio in the mid-1980's, Internet network 44 (44.0.0.0/8), known as the AMPRNet™, has been used by amateur radio operators to conduct scientific research and to experiment with digital communications over radio with a goal of advancing the state of the art of Amateur Radio networking, and to educate amateur radio operators in these techniques.

http://wiki.ampr.org/index.php/Main_Page

Australian Amateur Radio IP allocation August 2015

44.136.0.0 / 21 VK1KW VK1KW
44.136.9.0 / 24 MWRS subnet VK2RQ
44.136.16.0 / 24 Central Coast, NSW VK2DOT
44.136.46.0 / 24 North West NSW VK2JMA
44.136.60.0 / 23 Adelaide Metro, South Australia VK5FALE
44.136.64.0 / 22 Victoria VK3SAA
44.136.68.0 / 24 Melbourne VK3HBN
44.136.72.0 / 22 Radio port 144.90 Mhz VK3ATM
44.136.83.0 / 24 Lan network VK3APC
44.136.92.0 / 24 Radio port 439.05 Mhz VK3ATM
44.136.96.0 / 24 Radio port 144.850 Mhz VK3APC
44.136.126.0 / 24 vk3api Lilydale Victoria VK3API
44.136.127.0 / 24 SouthWest NSW VK2XSE
44.136.128.0 / 23 Adelaide VK5UJ
44.136.130.0 / 22 Adelaide, South Australia VK5PLT
44.136.138.0 / 23 Jimboomba Area VK4BLP
44.136.140.0 / 23 Brisbane City VK4JLM
44.136.148.0 / 23 Sydney Eastern Suburbs VK2ZBB
44.136.150.0 / 23 CAIRNS VK4AA
44.136.152.0 / 22 Tropical North Queensland VK4AA
44.136.171.0 / 24 VK5ASF VK5ASF
44.136.172.0 / 22 VK5ASF VK5ASF
44.136.176.0 / 20 VK5ASF VK5ASF
44.136.192.0 / 21 VK5ASF VK5ASF
44.136.200.0 / 22 VK5ASF VK5ASF
44.136.204.0 / 24 VK6HGR VK6HGR
44.136.209.0 / 24 VK6HGR VK6HGR
44.136.224.0 / 24 Southern Tasmania VK7HDM
44.136.227.0 / 24 North West Tasmania VK7AX
44.136.248.0 / 29 Atherton FNQ VK4GO

Sam VK4AA Australian Co-ordinator

NEWS FROM THE SEQATV GROUP

New web site

Please check out the new Web site for the latest information and contact details.

<http://seqatv.org/>

The club has a new Post Office box 674 Kallangur, Qld 4503.

Club election, new officers are listed in the information section of this newsletter.

New meeting venue from June, we now meet at the Redcliffe club rooms.

Brisbane VHF Group

New Web site

Please check out the new Web site for the latest information and contact details.

<http://brisbanevhfgroup.com/>

Microwave Dish

Do you need a dish for microwave activity?

There is one (1) only, Mitec 600mm prime focus spun aluminium dish available for pick up from Stanthorpe; **free** to a QDG member if you promise to use it; if you are not a member please join, also free.

Alan Wills VK4NA

qdg@qdg.org.au

Tonne Software

An uncommon catalog of original and interesting electrical-engineering programs

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



Silent Key

Alan Montgomery Simpson VK4AAE, he passed away peacefully early on Monday morning August 10 2015, he was 85 years young.

Many Brisbane hams new Alan, he was very well expected and admired, a nicer man I have never met; a true gentleman, always willing to help out no matter how much trouble he had to go to.

Alan was involved in the running of many radio clubs in the Brisbane area over the years; he liked to keep up with the latest technology while preserving the old.

Alan was one of the original QDG members; he was on the committee for many years.

Alan was the mentor of many and I'm proud to have counted him among my friends, he will never be forgotten.

Alan Wills VK4NA

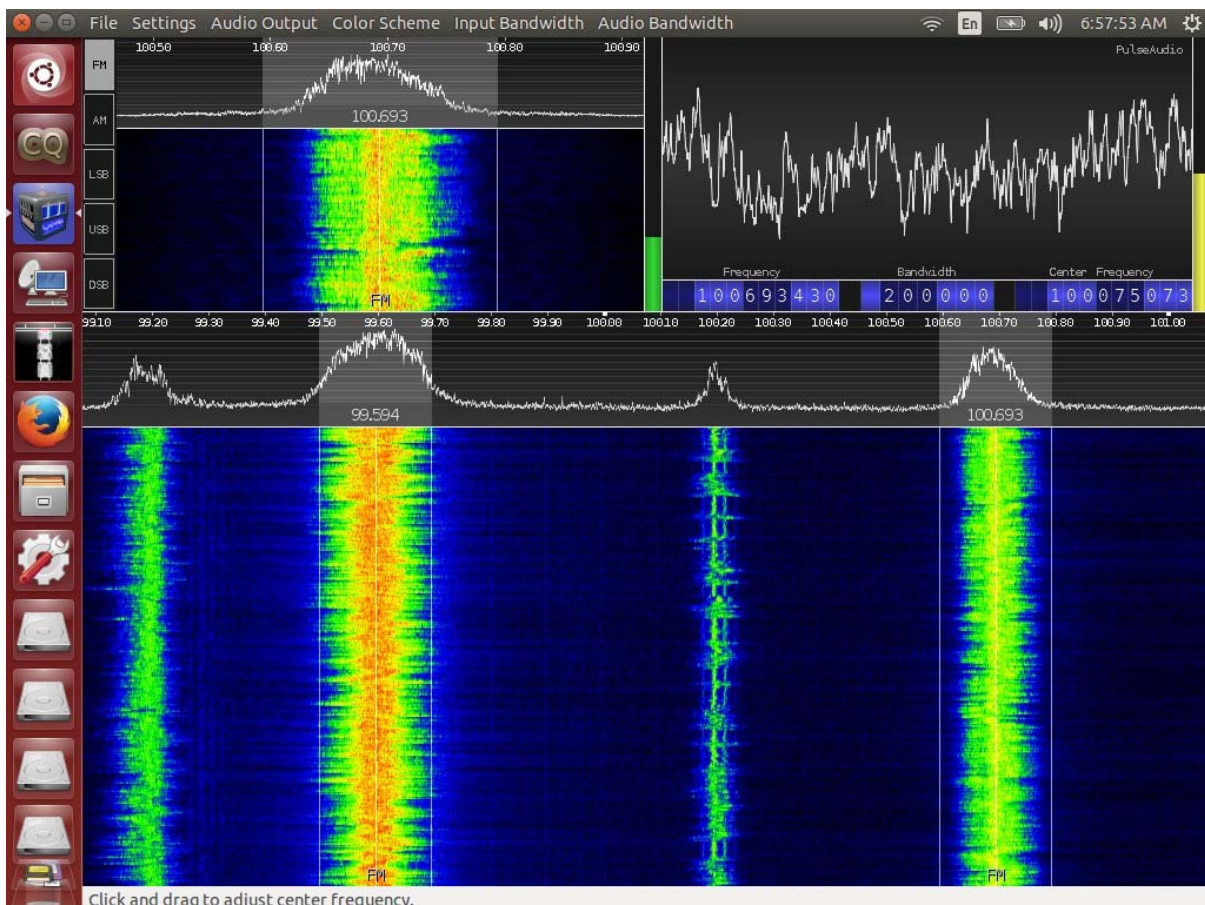


The DATV-Express Project

The DATV-Express is a digital Amateur TeleVision exciter/transmitter (assembled board with software) that can operate on ham radio bands from 70 MHz to 2.45 GHz.

The most important concept about the DATV-Express board is that it is software-based SDR radio. While the system block diagram for a typical Digital-ATV DVB-S transmitter using the DATV-Express board is shown below, the modulator chip and software can also produce several other types of modulations and protocols, such as COFDM for DVB-T and 32APSK for DVB-S2.

<http://www.datv-express.com/>



Skywave Linux

New Linux Ubuntu Distribution made for Software Defined Radio

Skywave Linux is a new Linux distribution based on Ubuntu 14.10. It is designed for users of software defined radio's and comes with several useful SDR software packages preinstalled. It can be run from a bootable DVD, USB or SD card.

The author writes that Skywave Linux is currently compatible with the RTL-SDR and HPSDR hardware. At the moment it seems that the first version has only very few preinstalled software

programs. These include: QT Radio, CubicSDR, Fldigi, and Dump1090. The authors write about Skywave:

<http://www.rtl-sdr.com/skywave-linux-new-linux-ubuntu-distribution-made-for-software-defined-radio/>



SUNFEST 2015

0900 hrs Saturday 12 September 2015 at Woombye School of Arts
Blackall Street, Woombye (UBD Map 66 F12)

<http://vk4wis.org/>

New LCD for Amateur Radio

Radiocommunications Licence Conditions (Amateur Licence) Determination 2015 - F2015L01113

<https://www.comlaw.gov.au/Details/F2015L01113>

ACMA Radcom Database

Register of Radiocommunications Licences

http://web.acma.gov.au/pls/radcom/register_search.main_page

2m SSB

Sunshine Coast 2m SSB net

19:30 Sundays on 144.300 MHz

Don't just use your equipment on field days; come up on air every Sunday.

SEQATV Club Net

Wednesday nights

8:00 PM EST on VK4RRC 146.925MHz repeater

2015 dates

Sept 12 VK4 SUNFEST Woombye

<http://vk4wis.org/>

Oct 24 VK4 Gold Coast Hamfest Broadbeach

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

Contests 2015

QDG information

QDG meeting dates 2015

January 16 (Combined SEQATV Group QDG meeting, meeting Room 1)

February 20

March 20

April 17

May 15

New Venue - Redcliffe club rooms

June 19

July 17

August 21

September 18

October 16

November 20

December 18

Unless otherwise noted, QDG group general meetings are held on the third Friday of the month at the Redcliffe Club rooms

New meeting venue from June 2015; Redcliffe club rooms.

The club is located at MacFarlane Park in Klingner Rd, Kippa Ring.(UBD Map 91 Ref G 1)

<https://plus.google.com/106119512431582251982/about?gl=au&hl=en>

QDG Membership

QDG Membership is presently free.

As of June 2015 the QDG has 65 members.

Information and a list of members are up on the web site <http://www.qdg.org.au/qdgmemb.htm>
Membership forms are on the web site.

QDG Membership services

Members receive additional 'Digipeat Extra' emails and invitations to other club activities not included in the Digipeat newsletter.

Sound Card to Radio Interface

This computer to radio interface can be used for any audio mode including voice.
The SCI provides isolation to remove earth loops as well as providing switching and level adjustment.
Contact Richard VK4ZA on 07 3376 5231, email richatkn@tpg.com.au or via the QDG web site.
Please contact Richard if you are interested in a dual interface PC board or a mark 2 version with modified connections.

QDG club contacts

Club contact: Alan Wills VK4NA
Digipeat Editor: Alan Wills VK4NA
Web site: Alan Wills VK4NA
Web site hosting: Tim O'Donohoe
Supper: Alan Wills VK4NA
JOTA: Richard VK4ZA
Phone: Alan Wills VK4NA 61 07 3491 8032
0401 716 778
Twitter @VK4NA

Email: qdg@qdg.org.au

Web site: <http://www.qdg.org.au>

Digipeat <http://www.qdg.org.au/qdgdigi.htm>

QDG
37 Evergreen Parade
Griffin QLD 4503
Australia

South East Queensland ATV group Information

SEQATV meeting dates 2015

Please check the SEQATV [Web site](#)

Unless otherwise noted, SEQATV group general meetings are held on the first Tuesday on the month at the Redcliffe Club rooms

New meeting venue from June 2015; Redcliffe club rooms.

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<https://plus.google.com/106119512431582251982/about?gl=au&hl=en>

SEQATV group Membership

SEQATV group Membership is set at the AGM, please contact the secretary for the current fee.
The membership fee remains at \$20.00 for 2015

SEQATV group Membership services

Members receive additional 'Amateur Eye Extra' emails and invitations to other club activities not included in the Digipeat or Amateur Eye newsletters.

SEQATV Club Net

Wednesday nights

8:00 PM EST on VK4RRC 146.925MHz repeater

The SEQATV group Officers

Elected officers:-

President: Arnold Youngberg VK4SU

Secretary: Bruce Jones VK4EHT

Treasurer: Andy Beales VK4KCS

Coopted Officers:-

Callback Officer: Peter Jones VK4YAC

Vice President: Alan Wills VK4NA

Assistant Secretary Bill VK4ZWJ

Additional coopted officers will be added as required.

SEQATV group Contact Information

South East Queensland Amateur Television Group

PO Box 674 Kallangur, Qld 4503, Australia

Amateur Eye (club mag) Phone: Alan Wills VK4NA 61 07 3491 8032

Email: secretary@seqatv.org

Web site: <http://www.seqatv.org/>

Enjoy your hobby!

73 Alan VK4YAR / VK4NA

***** Queensland Digital Group *****

***** SEQATV group *****

**** Supporting Radio Communications in VK4 ****