



*** QDG DIGIPEAT September 2014 ***

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

September General Meeting

The September QDG general meeting will be held on Friday September 19 at the Chermside Library, meeting Room 1.

The doors will open at 7:00pm for a meeting start of 7:30pm; if you arrive late, please push the buzzer for entry.

The library is near the shops on the corner of Hamilton Rd and Kittyhawk Dr (enter from Kittyhawk Dr).

Location map:

<http://www.brisbane.qld.gov.au/facilities-recreation/libraries/opening-hours-locations/chermside-library/>

South East Queensland ATV Group Inc.

VK4RMG
Digital ATV Repeater
Incorporating
VK4RMG
VK4RTW
VK4RGO
As part of the ATV Digital Network

PO Box 3,
Chermside 4032

23cm FM ATV

23cm DATV

446.5Mhz DVB-T

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/>



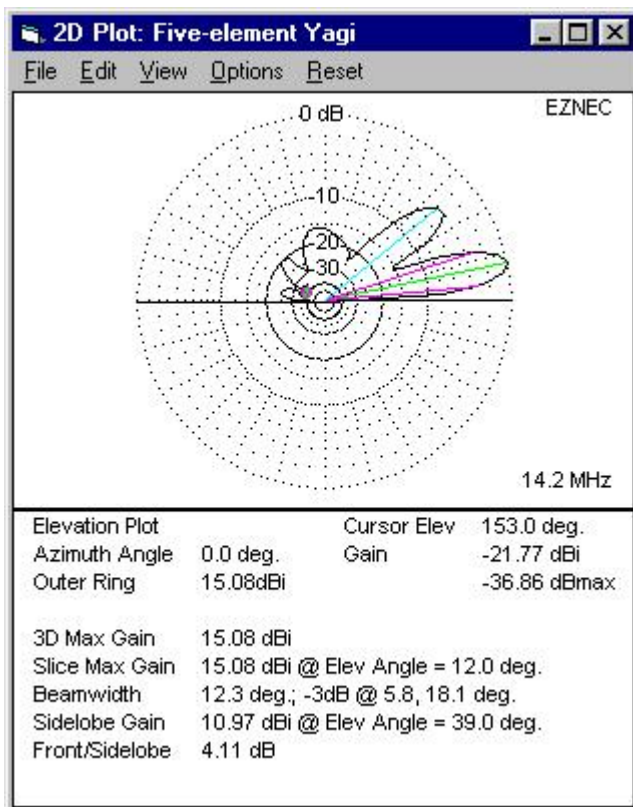
Microwave ham radio

Brisbane VHF Group

New Web site

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

<http://brisbanevhfgroup.com/>



EZNEC Antenna Software by W7EL

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

Yagi Calculator by John Drew

DL6WU style yagis for VHF/UHF (updated 6 June 2013)

<http://www.vk5dj.com/yagi.html>

NEC based antenna modeler and optimizer

4nec2 is a completely free Nec2, Nec4 and windows based tool for creating, viewing, optimizing and checking 2D and 3D style antenna geometry structures and generate, display and/or compare near/far-field radiation patterns for both the starting and experienced antenna modeler.

<http://www.qsl.net/4nec2/>

Antenna work BP Park Samford

The QDG is working with the Redcliffe & Districts Radio Club to ready BP Park for Jota.

<http://www.redclifferadioclub.org.au/>



TH6 antenna refurbished last weekend



BP Park antenna work

REDFEST

The club's second REDFEST will be held on Saturday 11 October this year. It will be held at the same venue as last year, St. Michael's school, on the Bribie Island road. The format will be similar to last year but the committee has decided to add extra attractions such as more tables for sellers and for vendors, a fox hunting competition, a treasure hunt, a technical talk and a larger number of raffle prizes and other give-aways.

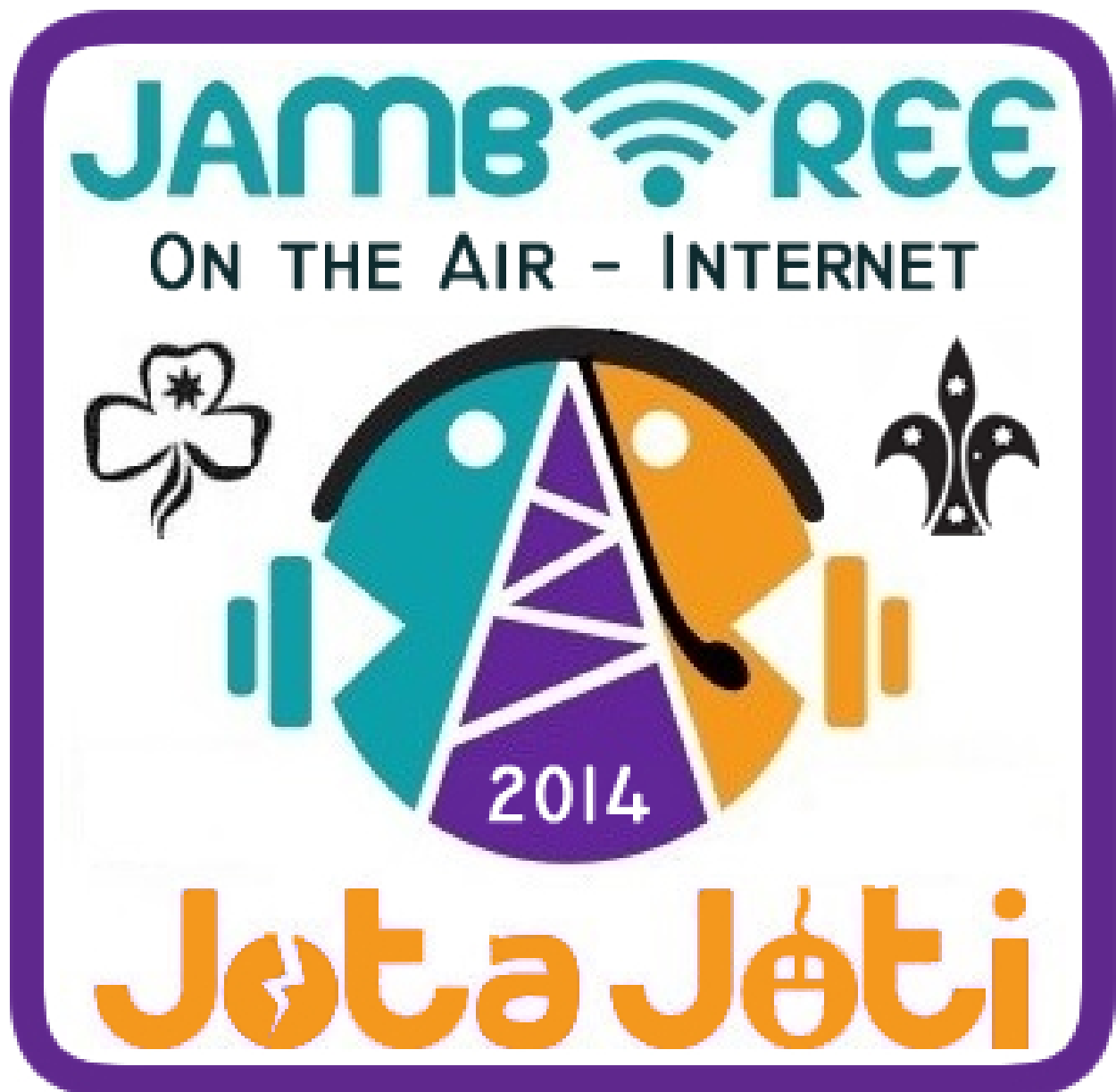
<http://www.redclifferadioclub.org.au/>

Gold Coast Hamfest 2014

25th October 2014

Albert Waterways Community Centre
Corner Hooker and Sunshine Boulevards
Mermaid Waters QLD 4218

<http://www.gcars.com.au/hamfest-2012>



JOTA/JOTI

57th Jamboree On The Air
and

18th Jamboree On The Internet
18 - 19 October 2014

Jamboree On The Air (JOTA) and Jamboree On The Internet (JOTI) is an annual virtual global camp in which around 500,000 Scouts and Guides from all over the world make contact with each other by means of amateur radio and the internet.

<http://www.scoutsqld.com.au/index.cfm?MenuID=33>

mRS mini Radio Solutions

PC based Vector Network Analyzers

New - miniVNA Tiny 1-3000 Mhz

<http://miniradiosolutions.com/>

JT65-HF Operator's Guide

An introduction to JT65: A week-signal high frequency digital mode

http://ve3bux.com/files/JT65_Operator_Guide.pdf

VE7BQH Antenna Comparison Tables

Lionel Edwards, VE7BQH, is well known for his pioneering work in EME and his knowledge of antenna design.

<http://www.bigskyspaces.com/w7gj/6mTable.htm>

Printable antennas

Manos Tentzeris, a professor in the Georgia Tech School of Electrical and Computer Engineering, and his team used inkjet printing technology to combine sensors, antennas and energy scavenging capabilities on paper or flexible polymers.

<http://qrznow.com/printable-antennas/>

Ham Radio IOS APP

The UHF/VHF Antenna Line of Sight app is a useful calculator to get the total line of sight distance for the Radio Horizon using the height of two antennas.

<http://qrznow.com/ham-radio-ios-app/>



AUTOMATIC SOLID STATE LINEAR AMPLIFIER – HVLA1K3

DESCRIPTION The HVLA1K3 model is a product of the new generation of amplifiers that covers the only amateur frequencies from 1.8 to 54 MHz, WARC included.

<http://qrznow.com/automatic-solid-state-linear-amplifier-hvla1k3/>

Output Power: 1300 watts(HF) - 700 watts(50 MHz)

<http://www.rf-power.it/index.php/en/products/hvla1k3>

Scientists find quicker, more sustainable way to produce hydrogen fuel

A new method will allow researchers to make larger-than-ever quantities of hydrogen from water, and can be powered by renewable energy sources.

<http://www.sciencealert.com.au/news/20141209-26169.html>

Are we being ripped off?

Australia pays more for the Internet and many other services than anywhere else in the world

<http://blog.cloudflare.com/the-relative-cost-of-bandwidth-around-the-world>

Where to place your wireless router

This formula can tell you where you need to position your wireless router to get the best wifi connection.

<http://www.sciencealert.com.au/news/20141109-26162.html>

12 Hidden Firefox Functions for Browsing Like a Boss

After a brief hiatus, Firefox 31 recently nabbed a PCMag Editors' Choice award for best browser.

<http://www.pcmag.com/slideshow/story/327063/12-hidden-firefox-functions-for-browsing-like-a-boss>

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 144.4 MHz

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

SEQATV Club Net

Wednesday nights

7:30 PM EST on VK4RRC 146.925MHz repeater

2014 dates

Saturday 11th October 2014 REDFEST Qld <http://www.redclifferadioclub.org.au/>

Saturday 25th October 2014 Gold Coast Ham-fest, Broadbeach Qld <http://www.gcars.com.au/>

Contests 2014

Spring VHF-UHF Field Day 2014 - 22/23 November

Summer VHF-UHF Field Day 2015 - 17/18 January (to be confirmed)

<http://www.wia.org.au/members/contests/vhfuhf/>

QDG information

QDG meeting dates 2014

January	17
February	21
March	21
April	18
May	16
June	20
July	18
August	15
September	19
October	17
November	21

Unless otherwise noted, QDG group general meetings are held on the third Friday on the month at the Chermshire Library, Meeting Room 1.

The doors will open at 7:00pm for a 7:30pm start; if you arrive late, please push the buzzer for entry.

The library is near the shops on the corner of Hamilton Rd and Kittyhawk Dr (enter from Kittyhawk Dr).

Location map:

<http://www.brisbane.qld.gov.au/facilities-recreation/libraries/opening-hours-locations/chermshire-library/>

QDG Membership

QDG Membership is presently free.

As of July 2014 the QDG has 64 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 after hours on 61 07 3351 1673
Twitter @VK4NA

Email: qdg@qdg.org.au

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

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

South East Queensland ATV group Information

SEQATV meeting dates 2014

Unless otherwise noted, SEQATV group general meetings are held on the first Tuesday on the month at the Chermside Library, Meeting Room 1. The doors will open at 7:00pm for a 7:30pm start; if you arrive late, please push the buzzer for entry. The library is near the shops on the corner of Hamilton Rd and Kittyhawk Dr (enter from Kittyhawk Dr).

Location map:

<http://www.brisbane.qld.gov.au/facilities-recreation/libraries/opening-hours-locations/chermside-library/>

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 2013

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: Peter Schrader VK4EA

Treasurer: Andy Beales VK4KCS

Coopted Officers:-

Callback Officer: Peter Jones VK4YAC

Vice President: Alan Wills VK4NA

Additional coopted officers will be added as required.

SEQATV group Contact Information

South East Queensland Amateur Television Group

PO Box 3, Chermside Qld 4032, Australia

Amateur Eye (club mag) Phone: Alan Wills VK4NA after hours on 61 07 3351 1673

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 **