



*** QDG DIGIPEAT October 2013 ***

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

October General Meeting

The October QDG general meeting will be held on Friday October 18 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://my247.com.au/brisbane/Chermside-Library.6803>

NEWS FROM THE SEQATV GROUP

The group put on a great ATV demo at Redfest.

GET READY TO PARTICIPATE IN JOTA-JOTI BETWEEN 19-20 OCTOBER 2013!

Jamboree On The Air (JOTA) and Jamboree On The Internet (JOTI) is an annual event 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://international.scouts.com.au/main.asp?iStoryID=17658022>

World Scout Frequencies

http://www.scout.org/en/information_events/events/jota_joti/world_scout_frequencies

The QDG will be helping out at BP park once again.

The QDG Jota contact is Richard VK4ZA

Baden Powell Park (Samford)

68 Cash Avenue Samford; approximately 21 km from Metro Brisbane. (Brisbane UBD Map 106, N15)

<http://www.scoutsqld.com.au/index.cfm?MenuID=122>

Richard and Alan VK4NA have checked out the Radios and antennas in preparation for the weekend. We need more helpers for both Saturday and Sunday. All operators over 18 years of age require a blue card
<http://www.ccypcg.qld.gov.au/bluecard/index.html>

For details please contact Richard VK4ZA (07)33765231 or richatkn@tpg.com.au

World Scout Frequencies

Several amateur radio bands have designated frequencies where Scout stations can meet. Of course, the whole authorized band can be used for Scout contacts, however, to easily find Scout stations, listen in on the following Scout frequencies:

band	SSB (phone)	CW (Morse)
80 m	3.690 & 3.940 MHz	3.570 MHz
40 m	7.090 & 7.190 MHz	7.030 MHz
20 m	14.290 MHz	14.060 MHz
17 m	18.140 MHz	18.080 MHz
15 m	21.360 MHz	21.140 MHz
12 m	24.960 MHz	24.910 MHz
10 m	28.390 MHz	28.180 MHz
6 m	50.160 MHz	50.160 MHz

AMSAT-UK Colloquium Videos Now Available

Thanks to the hard work of volunteers from the British Amateur Television Club (BATC) videos of the presentations given to the AMSAT-UK International Space Colloquium held in Guildford July 20-21, 2013 are now available to view online or download to your PC.

<http://amsat-uk.org/2013/07/20/amsat-uk-colloquium-videos-now-available/>

New 23CM repeater

Mt Coo-tha 23CM FM voice repeater is on air, 1273.5 MHz, +20 MHz, no tone

How to Turn Your Windows 8 Laptop into a Wireless Access Point

How-To Geek shows this neat command line trick

<http://www.howtogeek.com/112050/how-to-turn-your-windows-8-laptop-into-a-wireless-access-point/>

Magnetic loop for 20 to 6 metres

SummerLoop II

The main loop is formed from aluminium bar with a gamma-type feed arrangement instead of a smaller loop.

Builders have the option of attaching a parallel capacitor to cover 14 and 18 MHz.

This design has a narrower bandwidth than other designs, which in magnetic loops is a sign of lower resistance and greater efficiency.

<http://home.alphalink.com.au/~parkerp/projects/projsum.htm>

A Tree Friendly 2 Meter Halo Antenna

Halo stands for "HALf wave LOop". The antenna is in fact nothing else but a half wavelength dipole with the legs bent in the shape of a circle. However, the ends do not meet, (especially near the end of the month) so technically it's not a loop. This loop can be fed with coaxial cable using a gamma match.

<http://www.kr1st.com/2mhalo.htm>



Antennas

Ham radio antennas, home made ham radio antenna projects kits and drawings

<http://www.dxzone.com/catalog/Antennas/>

DuckDuckGo

Search anonymously

<https://duckduckgo.com/>

Blekk search engine

What makes Blekko search different from the rest?

From the start, Blekko has been committed to offering high quality, spam-free search results rather than blindly favoring keywords. Our search engine combines our algorithm with editorial curation, offering a human perspective in determining what people are looking for. We also feature an awesome privacy policy that respects our users. With

our redesign, we are taking it a step further and holistically changing the search experience.
blekko.com

Electronic Frontier Foundation (EFF)

When our freedoms in the networked world come under attack, the Electronic Frontier Foundation (EFF) is the first line of defense.

<https://www.eff.org/>



HTTPS Everywhere is a Firefox and Chrome extension that encrypts your communications with many major websites, making your browsing more secure.

<https://www.eff.org/https-everywhere>

COMPUTERWORLD

The voice of IT management

Technology, reviews, careers, Toolsw & resources, whitepapers, downloads.

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

Wireless network

The IEEE Standards Association (IEEE) has officially approved the new 802.11ad (802.11ad-2012 amendment) standard that will provide short-range wifi wireless networking (WLAN) speeds of up to 7Gbps (Gigabits per second) by using the unlicensed 60GHz radio spectrum band (typically 57-66GHz).

<http://www.ispreview.co.uk/index.php/2013/01/ieee-approve-new-802-11ad-ultrafast-7gbps-wifi-60ghz-wireless-standard.html>

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 VK4RAX 147.075 MHz repeater

2013 dates

JOTA-JOTI

OCTOBER 19-20 2013

<http://international.scouts.com.au/main.asp?iStoryID=17658022>

Gold Coast ARS HamFest at Albert Waterways Hall

November 2nd

<http://www.gcars.com.au/hamfest-2013>

Microwave activity day; 5.7 GHz Shoot-out + BBQ

November 3

Redcliffe club rooms, MacFarlane Park in Klingner Rd, Kippa Ring.(UBD Map 91 Ref G 1)

11am start

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

Contests 2013

Spring VHF-UHF Field Day 2013 - 23/24 November

Summer VHF-UHF Field Day 2014 - 11/12 January (date to be confirmed)

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

QDG information

QDG meeting dates 2013

August 16

September 20

October 18

November 15

December 6 (Combined SEQATV Group QDG meeting, meeting Room 1)

Unless otherwise noted, QDG group general meetings are held on the third Friday 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://my247.com.au/brisbane/Chermside-Library.6803>

QDG Membership

QDG Membership is presently free.

As of June 2012 the QDG has 59 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 2013

August 6

September 3

October 1

November 5

December 3 (Combined SEQATV Group QDG meeting)

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://my247.com.au/brisbane/Chermside-Library.6803>

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

7:30 PM EST on VK4RAX 147.075 MHz repeater

The SEQATV group Officers

Elected officers:-

President: Arnold Youngberg VK4SU

Secretary: Peter Schrader VK4EA

Treasurer: Richard Cardon VK4XRL

Coopted Officers:-

Technical Officer: Danny Granger VK4KI

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: seqatv@qdg.org.au

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

Enjoy your hobby!

73 Alan VK4YAR / VK4NA

*** Queensland Digital Group ***

*** SEQATV group ***

** Supporting Radio Communications in VK4 **