



## \*\*\* QDG DIGIPEAT May 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

### May General Meeting

The May QDG general meeting will be held on Friday May 17 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>

**Change of room, the QDG will be meeting in room 1 unless otherwise notified.**

### ATV news from the South East Queensland ATV group

The SEQATV group has renewed vigour and intends to "get things done", "get new repeaters up on air" and "get members transmitting". Watch this space for information on workshops and working bees to get the club's and YOUR equipment up on air.

We presently have 16 paid up members, to save on reminders please see the secretary at the next meeting or at our BARfest tables on Saturday.

The group has lost access to the present VK4RMG site at Ocean View but as the group has access to a second site just down the road, it is a minor issue.

At the May meeting the members voted to:-

- 1) Incorporate
- 2) affiliate with the WIA
- 3) investigate WIA club insurance
- 4) complete the purchase of the new digital ATV repeater from Martin VK4JVC
- 5) remove the 70CM voice repeater as it has seen very little use for a number of years
- 6) investigate meeting nights other than Friday
- 7) coopt Alan Wills VK4NA as Vice President

Detailed meeting minutes have been emailed to members.

Come and see us at BARCfest this Saturday, members please bring your pre-loved equipment to help out club funds.

## 144 MHz Halo Antenna

Construction of a Low Cost Omnidirectional Horizontally Polarized Antenna for 144 MHz  
[http://www.qsl.net/kp4md/144\\_mhz\\_halo.htm](http://www.qsl.net/kp4md/144_mhz_halo.htm)



**TIGERTRONICS**  
*Manufacturers Of Innovative Communications Products*  
154 Hillview Drive Grants Pass, Oregon 97527 (541) 434-6700

Signalink USB computer to radio interface  
<http://tigertronics.com/>

## Repeater Locator for iPhone/iPad

The free Repeater Directory App for the UK, Europe, Australia, New Zealand, South America and more is now available for iPhone and Android (Repeater)  
Repeater Locator enables you to easily find repeaters across the UK, Europe, Australia, New Zealand, South Africa, South America and more for free, and without a network connection.  
Just search for ZBM2 on Apple App Store or Play store

## Cisco Support Community

Engage, collaborate, co-create and share with your fellow experts on any Cisco technology or solutions  
in technical support forums in six different languages. Participate in live expert events and join the ongoing technical support forum in our communities.  
<https://supportforums.cisco.com/index.jsps>

## PSK Automatic Propagation Reporter

A project to automatically gather reception records of PSK activity and then make those records available in near realtime to interested parties.  
Some amateurs run a client that will monitor received traffic for callsigns (the pattern 'de callsign callsign') and, when seen, will report this fact.  
An amateur calling CQ could, within a few minutes, see where his signal was received.  
<http://pskreporter.info/pskmap.html>



One of the aims of this website is to show some of the things you can do with ham radio even if circumstances dictate that you must operate covertly.

<http://www.g4ilo.com/>

## Operating SO-50

SO-50 is a satellite in the Amateur Satellite Service providing functions very similar to a traditional terrestrial FM repeater. It's available for general amateur use, and described below are the operating techniques and equipment used to access it

<http://www.g6lvb.com/articles/operatingso50.htm>

## AMSAT Online Satellite Pass Predictions

Select a satellite and provide your latitude, longitude and elevation or calculate them from your grid square.

<http://www.amsat.org/amsat-new/tools/predict/>



## Amateur Satellite Antennas

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

## A Simple Fixed Antenna for VHF/UHF Satellite Work

Moxon antenna

<http://www.oocities.org/w9bci/VHFUHFSSatellite.pdf>

## Amateur Radio Satellites

Presented to Virginia Tech Amateur Radio Association

<http://www.vtara.org.vt.edu/sites/default/files/Presentations/2Oct2012/Satpres.pdf>



Satellite, Packet Radio, Scanner and SWL, Astronomy and other information  
<http://home.comcast.net/~ka7fvv/index.htm>

## KD0HKD

Satellite and other information  
<http://purplesage.biz/kd0hkd/index.htm>

## Work the FM Ham Satellites

EVERYTHING you need is on this site - for accessing the birds with equipment most hams already own!  
<http://work-sat.com/Work-Sat/Home.html>

## OH2GVB Quadrifilar Helical Antennas

An antenna for VHF and UHF  
<http://uuki.kapsi.fi/qha.html>

## QFH Antenna for VHF and UHF

[http://www.aribra.it/autocostruzione/qfh/index\\_e.php](http://www.aribra.it/autocostruzione/qfh/index_e.php)

## Satellite Antenna

Antenna and Software links  
<http://www.i1wqrlinkradio.com/antype/index-90.html>

## Antenna Circular Polarization

Space communication has forced the use of Circular polarization.  
<http://sv1bsx.50webs.com/antenna-pol/polarization.html>

## 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.

## New 13CM repeater

The Sunshine Coast 23CM FM voice repeater is now on air.

Tx 1293.3 MHz Rx 1273.3 MHz

91.5 Hz tone

This can be accessed from Brisbane

## SEQATV Club Net

Wednesday nights

7:30 PM EST on VK4RAX 147.075 MHz repeater

## 2013 dates

### BARCfest 2013

11th May, the Brisbane Amateur Radio Club will be holding it's annual BARCFEST the Mt. GRAVATT SHOWGROUND starting at 9:30am.

The address of the Venue is 1600 Logan Road, Upper Mt.Gravatt. Ample parking will be provided at the Venue.

<http://www.qsl.net/vk4ba/barcfest/>

### WIA AGM and Conference in Perth

May 24-25

They have opened up expression of interest for the Symposium and would like to invite you to discuss this in your club and make a submission to present to the community.

It is intended to run several streams.

<http://conference.vk6.net/expressions-of-interest/>

More conference information is available online at

<http://conference.vk6.net/>

### Oxley Region ARG Port Macquarie NSW

June 9th (NSW Queens Birthday Long Weekend)

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

## Wide Bay Mini Ham-Fest Maryborough Qld

July 13th

The Venue will be the West Maryborough Scout Hall on the corner of Ariadne and Ward Streets, Newtown area.

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

## Caboolture Hamfest/Field Day

July 20th

<http://www.vk4qd.net/>

## SARCFEST 414 Richmond Hill Rd near Lismore

AUG 11

<http://sarc1.webs.com/>

## International Lighthouse Lightship Weekend

August 17-18 Duration 48 hours from 0001 UTC 17.8.2013

AN ANNUAL AMATEUR RADIO WEEKEND EVENT.

CONDUCTED UNDER THE SPONSORSHIP OF THE AYR AMATEUR RADIO GROUP, (AARG), SCOTLAND.

HELD ON THE THIRD FULL WEEKEND IN AUGUST.

<http://illw.net/>

## Sunfest Woombye Qld

September 7th

<http://www.vk4wis.org/>

## North Queensland Amateur Radio Convention Charters Towers

October 3- 7

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

## Redcliffe Hamfest

October 5th

Redcliffe and Districts Radio Club Inc.

Date has been set as the 5th October 2013 for inaugural event.

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

## Gold Coast ARS HamFest

Albert Waterways Hall.

November 2nd

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

## Contests 2013

### 2013 Trans-Tasman Contests

80m phone: SAT 11th MAY 2013

The ever popular 80m phone contest.

Multi-Mode contest: SAT 20th JULY 2013

The Multi-Mode contest combines 160m phone with CW and Digital modes on both 80m and 160m, all on the same night!

Both contests are run as 6 one-hour blocks, from 8 UTC to 14 UTC.

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

Winter VHF-UHF Field Day 2013 - 22/23 June

Spring VHF-UHF Field Day 2013 - 23/24 November (date to be confirmed)

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

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

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## QDG information

### QDG meeting dates 2013

January 18 (Combined SEQATV Group QDG meeting, meeting Room 1)

February 15

March 15

April 19

May 17

June 21

July 19

August 16

September 20

October 18

November 15

December 6 (Combined SEQATV Group QDG meeting, meeting Room 2b)

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 [vk4za@qdg.org.au](mailto:vk4za@qdg.org.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](mailto:qdg@qdg.org.au)

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

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

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# South East Queensland ATV group Information

## SEQATV meeting dates 2013

January 18 (Combined SEQATV Group QDG meeting, meeting Room 1)  
February 1  
March 1  
April 5 (AGM)  
May 3  
June 7  
July 5  
August 2  
September 6  
October 4  
November 1  
December 6 (Combined SEQATV Group QDG meeting)

Unless otherwise noted, SEQATV group general meetings are held on the first Friday on the month at the Chermshire Library, Meeting Room 2B. 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/Chermshire-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

## 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](mailto:seqatv@qdg.org.au)

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

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This newsletter has been sent to members of the QDG as part of the membership service; if you do not wish to receive this newsletter please send an email to [qdg@qdg.org.au](mailto:qdg@qdg.org.au) stating that you no longer wish to receive it.

This newsletter has been sent to members of the SEQATV club as part of the membership service; if you do not wish to receive this newsletter please send an email to [seqatv@qdg.org.au](mailto:seqatv@qdg.org.au) stating that you no longer wish to receive it.

If you are a member of both clubs you WILL receive it twice.