



*** QDG DIGIPEAT October 2016 ***

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 QDG Meeting

The Next QDG general meeting will be held on Friday October 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://www.google.com.au/maps/place/MacFarlane+Park,+Kippa-Ring+QLD+4021/@-27.2214151,153.0882619,17z/data=!4m2!3m1!1s0x6b93e5f47d867511:0xe926a70030364326>

Meeting topics

Linux presentation by Andrew VK4TEC

Basic Linux commands

Idea for a club project

Web based SD radio receiver with more

I suggest someone playing around with SD radio programming come up with a monitoring system that logs callsigns, frequency, time, Rx strength, bandwidth and waveform; this data can be forwarded to a Web site for others to see.

This data will be readily available to contest managers to help police the regulations.

The live information would help you check your RF signal and a little bit more than the few repeaters that are set up to check your FM deviation.

This would be an enhancement of the already available WebSDR radios in that the data is logged for later retrieval.

Listing of WebSDR receivers connected to the Internet at <http://websdr.org>

Jota 2016

October 14th, 15th & 16th 2016.

QDG members will be helping out at BP Park again this year, please contact the club
qdg@qdg.org.au or Alan VK4NA 0401 716 778 if you would like to help.

We have arranged to operate from 8am to 5pm Saturday and if Scouts are interested 6pm to 10pm Saturday. Address 68 Cash Avenue, Samford Valley QLD 4520.

We currently have 3 operators, a fourth would be appreciated even for an hour or two.

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/>

Far Side DX Blog

A diary of my amateur radio activities, making shortwave contacts with people all over the globe

<http://zl2ifb.blogspot.com.au/>

The 2016 GCARS HAMFEST

on the Gold Coast will take place on the
5th November 2016 (Saturday)

Location:

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

Doors open to the public at 08:30

Entrance fee: \$7:00 single person / \$10 Family

<http://www.gcars.com.au/hamfest-2016>



160 meter nets and information

<http://topbandhams.com/>

VK3NM VK6DC

160 metre page

Information and links

<http://www.qsl.net/vk3nm/160mt.html>

Radio & TV Handbook (Broadcasting Stations Book)

<http://www.acma.gov.au/Industry/Broadcast/Spectrum-for-broadcasting/Radio-and-television-transmitters/radio-tv-broadcasting-stations-book-spectrum-for-broadcasters-acma>



The quadrifilar helicoidal antenna - quite a mouthful - is easy to construct (even though it does look complicated), and the results are excellent. In contrast with the omnipresent turnstile antenna (two crossed dipoles with a reflector) the circularity is almost perfect in any direction. I've also received quite a few reports from people who built the antenna using the data from this page, who were very satisfied.

<http://jcoppens.com/ant/qfh/index.en.php>

VE3SQB ANTENNA DESIGN PROGRAMS

For a hundred years the amateurs have made more breakthroughs in antenna design than the professionals.

<http://www.ve3sqb.com/>

Community Consultation Australian Mobile Telecommunications Association

Radio Frequency National Site Archive

<http://www.rfnsa.com.au/nsa/index.cgi>

Broadband-Hamnet NZ

Developing A Ham Radio High Speed Network in NZ

<http://www.broadband-hamnet.co.nz/faq/>

Letter	Pronunciation	Letter	Pronunciation
A	Alpha (AL fah)	N	November (no VEM ber)
B	Bravo (BRAH VOH)	O	Oscar (OSS cah)
C	Charlie (CHAR lee)	P	Papa (pah PAH)
D	Delta (DELL tah)	Q	Quebec (keh BECK)
E	Echo (ECK oh)	R	Romeo (ROW me oh)
F	Foxtrot (FOKS trot)	S	Sierra (see AIR rah)
G	Golf (GOLF)	T	Tango (TANG go)
H	Hotel (hoh TELL)	U	Uniform (YOU nee form)
I	India (IN dee ah)	V	Victor (VIK tah)
J	Juliett (JEW lee ETT)	W	Whiskey (WISS key)
K	Kilo (KEY loh)	X	X Ray (ECKS RAY)
L	Lima (LEE mah)	Y	Yankee (YANG key)
M	Mike (MIKE)	Z	Zulu (ZOO loo)

<http://www.radioqth.net/phonetic>

Amateur Radio Q-Codes

International Q Code is an abbreviated way to exchange a great deal of information with a simple code.

The Q Code consists of three-letter groups with each group having a specific meaning. Each group begins with the letter Q. Auxiliary letter groups or numbers are also used to help define the information that is need or passed with certain Q Code three-letter groups.

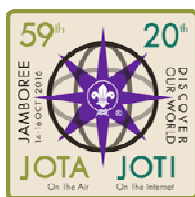
<http://www.qsl.net/w5www/qcode.html>

Morse code to Hex converter

Cryptii by @ffraenz

Cryptii is an OpenSource web application under the MIT license where you can encode and decode between different format systems. This happens fully in your browser using JavaScript, no content will be sent to any kind of server. Please note that the encryption methods offered below are very basic and therefore not considered as secure.

<https://cryptii.com/morsecode/hexadecimal>



Jamboree on the Air - Jamboree on the Internet

14th, 15th & 16th October 2016

JOTA-JOTI is the largest Scouting event in the world with over 1 million Scouts participating across 150+ countries.

<http://jotajoti.info/>

Contest Free frequencies

Unfortunately there is a large amateur-radio competition in Germany during the JOTA-JOTI weekend, called the WAG contest. However, we are pleased that the contest organisers have again arranged for frequencies that are kept free of contest traffic, so we can have JOTA-JOTI with minimal interference.

Band	CW(morse) kHz	SSB(Phone) kHz
80 m	3560 - 3800	3650 - 3700
40 m	7040 - 7200	7080 - 7140
20 m	14060 - 14350	14100 - 14125 & 14280 - 14350
15 m		21350 - 21450
10 m		28225 - 28400

<http://jotajoti.info/contest-free/>

JOTA Rules

There are some basic rules that should be followed:

All radio operators must operate their stations strictly in accordance with their national licensing regulations;

Stations should call "CQ Jamboree" or answer Scout stations calling to establish a contact;

Any authorized frequency may be used. It is recommended that stations use the agreed World Scout Calling Frequencies listed below as starting points. To avoid congestion, other frequencies close by should be used as well.

The listed frequencies are "calling frequencies." After you make contact with a station, ideally you'll QSY (move) to another frequency and leave the calling frequency open for others to establish contact.

World Scout Calling Frequencies

HF SSB Voice

80 meters — 3.940 MHz and 3.690 MHz where authorized.

40 meters — 7.190 MHz and 7.090 MHz where authorized.

20 meters — 14.290 MHz

17 meters — 18.140 MHz

15 meters — 21.360 MHz

12 meters — 24.960 MHz

10 meters — 28.390 MHz

6 meters — 50.160 MHz

HF CW Morse Code

80 meters — 3.570 MHz

40 meters — 7.030 MHz

20 meters — 14.060 MHz

17 meters — 18.080 MHz

15 meters — 21.140 MHz

12 meters — 24.910 MHz

10 meters — 28.180 MHz

6 meters — 50.160 MHz

The JOTA is not a contest. The idea is not to contact as many stations as possible during the weekend. It is about Scout to Scout conversations to learn about one another and the country where they reside.

All participating groups are asked to send a report of their activities to their National JOTA-JOTI Coordinator (NJC) after the event.

NJC's are requested to send a National JOTA-JOTI Report to the World Scout Bureau for inclusion in the World JOTA-JOTI Report.

<http://jotajoti.info/jota-rules/>



Work FM Amateur Radio Satellites

Want to Work Your First Satellite This Week?

Getting started with ham satellites is easier than many think! Everything you need is right here to access an FM satellite or two, monitor the ISS - and more - using equipment most ham radio operators already own! Use the menu along the top for ...

<http://www.work-sat.com/Home.html>

Free Cisco Practice Exams

There are two types of people who will try our tests - these, who really care how well are they prepared for their exam, and those who are searching for braindumps with the exact exam questions. But what will you achieve if you are cheating from the beginning, as we are covering only the first level of certification? OK, it is up to you but if you have prepared yourself by using only braindumps with the exam questions you will fail our tests. Why? Because our exam questions are unique and you will most probably fail if you are not quite familiar with the theory.

<http://www.learnCisco.net/cisco-practice-tests.html>



CCNA Routing & Switching Practice Exam (200-120)

The CCNA Routing & Switching practice exam provided by Free CCNA Workbook is designed to test your knowledge relating to Cisco CCNA level technologies. It is not recommended that you use this exam to gauge your readiness for the actual Cisco CCNA R&S Exam.

<https://www.freeccnaworkbook.com/workbooks/ccna/ccna-practice-exam>

CCNA Practice Tests

Choose a topic below to begin, you will be asked up to 20 questions and your results will displayed at the end.

<http://www.internetworktraining.com/quiz.aspx>

Free subnetting Questions

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

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

2016 dates

September 23-25 VK4 Central Highlands Amateur Radio Club AGM weekend

Lake Maraboon Holiday Village, near Emerald. <http://www.tarc.org.au/>

September 30 to October 3 VK4 Cardwell Gathering Long Weekend, Beachcomber Motel

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

October 14th, 15th & 16th 2016 JOTA-JOTI <http://jotajoti.info/>

5th November 2016 (Saturday) Gold Coast Hamfest <http://www.gcars.com.au/hamfest-2016>

Contests 2016

Aug 27-28 36th ALARA Contest <http://www.alara.org.au/contests/>

VHF-UHF Field Days

Spring 2016 - Saturday 26 and Sunday 27 November.

Summer 2017 – Saturday 14 and Sunday 15 January.

Winter 2017 – Saturday 24 and Sunday 25 June.

Spring 2017 – Saturday 25 and Sunday 26 November.

Summer 2018 – Saturday 13 and Sunday 14 January.

Winter 2018 – Saturday 23 and Sunday 24 June.

Spring 2018 – Saturday 24 and Sunday 25 November.

Summer 2019 – Saturday 12 and Sunday 13 January.

Winter 2019 – Saturday 22 and Sunday 23 June.

Spring 2019 – Saturday 23 and Sunday 24 November.

Summer 2020 – Saturday 18 and Sunday 19 January.

Winter 2020 – Saturday 20 and Sunday 21 June.

Spring 2020 – Saturday 28 and Sunday 29 November.

QDG information

QDG meeting dates 2016

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

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

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

<https://www.google.com.au/maps/place/MacFarlane+Park,+Kippa+Ring+QLD+4021/@-27.2214151,153.0882619,17z/data=!4m2!3m1!1s0x6b93e5f47d867511:0xe926a70030364326>

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.

Alan Simpson memorial home brew competition

August QDG general meeting www.qdg.org.au

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: John VK4CJO
Phone: Alan Wills VK4NA 61 07 3491 8032
Mobile: 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 2016

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

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

<https://www.google.com.au/maps/place/MacFarlane+Park,+Kippa-Ring+QLD+4021/@-27.2214151,153.0882619,17z/data=!4m2!3m1!1s0x6b93e5f47d867511:0xe926a70030364326>

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 2016

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 643 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 ****