



BARG News

Ballarat Amateur Radio Group
Inc. #6953T
June
Monthly Newsletter

Next Meeting
Saturday June 26th @ 11am

Face to Face! Out at the clubhouse at the Ballarat airport

All Welcome



Contacting us

You can write to the club at the address below, or e-mail the secretary

The Secretary : B.A.R.G. Inc.
Box 1218
Mail Centre
Bakery Hill Vic. 3354

Or E-Mail : vk3bml@barg.org.au

We're on the web
www.barg.org.au

Presidents May Report

Welcome to the June newsletter. Rather belated as the June meeting was yesterday. Attended by 20 members, a good discussion about adding a radio into the main meeting room. All agreed that to be a good idea, so investigation have commenced on adding an additional 80m OCF and also considering how there can be interlock with the remote base to prevent both being on at the same time.

Discussion too about Hamvention, with the group deciding there was too much risk of disruption and low attendance as a result of the all the Covid impact to warrant the effort to run again in 2021. Hopefully 2022 will be different. We will look to run an expanded George Fowler instead later in the year.

Gordon shared a letter of thanks from Damascus, which is attached later in the news letter.

Craig shared a couple of photo's from the last club field day. A range of other commitments saw only a couple of members on air for that event, with Ian, VK2YFD being the ultimate winner.

That's all for this month. If you have anything you'd like in the July newsletter, please send it through.



VHF and Above for June 2021

Now that we are in the depths of winter there is not a great deal to report on for enthusiasts that are keen on the higher bands. There has been only a few times when any lift in propagation has occurred. I recall in the past month only a couple of occasions when contacts were made interstate on both 2m and 70cm from members in the Ballarat area. Openings into the Barossa Valley on both 2 and 70cm as well into Northern Tasmania.

However there has been a few instances where Steve VK3ZAZ has had contacts on 23cm within VK3 and VK5 as well so conditions have suited some. In the western region there are some amateurs that have recently acquired 23cm equipment so we can look forward to some testing and increased activity as the seasons move forward.

Chris VK3QY has recently acquired some modules for 2.4Ghz and is now ready to do some tests. The plan is Chris will go to One Tree Hill Ararat and Ian VK3AXH will go to Green Hill just near the BARG's repeater and Beacon site to see if contact can be made. This will happen at a mutually convenient time and when the weather is good for us both.

I'm also pleased to report that Andy VK3HMY has been regularly heard on the SSB part of the 2m band most mornings. He joins a growing number of BARG members on this part of the 2m band.

It maybe winter but with the advent of digital modes such as FT8 there has been a huge amount of contacts being made on the 6m band all over the world. Our specialist in this area is Steve VK3ZAZ/VK3OT who has had great success with contacts into a large number of countries around the globe and include countries such as Spain, Italy, Ukraine and Russia as well as into Asia and the USA.

So whilst we may think this band is not active it actually is if you have a good antenna system and prepared to follow reports from a number of activity websites.

PSK

Reporter is one that allows you to select what the band of interest is and a particular mode so it's worth having a look.

Here are some links showing activity which will give an insight to some of the activity that has been occurring .

15,000km Opening on 50 MHz between Western Australia and Europe - 16th June 2021



https://ei7gl.blogspot.com/2021/06/15000km-opening-on-50-mhz-between_0466740673.html

Till next time cheers de Ian VK3AXH

SILICON CHIP MAGAZINE APRIL 2021. 4-2021

Digital Radio Modes. -Part 1. RTTY, Hellschreiber, DAB, Mobile TV, Amateur TV, Slow scan TV and FAX all get their place. The article has MANY web references for further reading. Too many for inclusion here.

History of Videotape – Helical Scan./

REVIEW. Wagner cordless soldering iron. www.wagneronline.com.au for \$139 RRP.

Multiple tips for more than soldering this 30W iron with USB charging.

CONSTRUCTIONAL PROJECTS.

Digital FX [Effects] Pedal - Part 1. Want to lift your audio processing ability on a music box or recording mixer.

Refined Full Wave Universal Motor speed Controller. A 10Amp device to run a brush [series wound] motor and NOT an INDUCTION motor device.

A High current Four Battery/cell Balancer - Part 2.

Arduino – based MIDI Soundboard. 64 keys. – Part 1.

OUR FAVOURITES COLUMNS

The servicemen’s Log.

Circuit Notebook. Always an interest circuit appears here.

Biofeedback for Stress management. Can be constructed using Vero board.

Latching output for a Remote Monitoring Station. Also see SC Feb 2020.

An alternative switched attenuator for the Sept 2020 Shirt Pocket Oscillator.

Follow on from SC Dec 2020 for Constant magnitude AC current into a resistive load. See also Circuit Notebook Oct 2020.

Vintage Radio. Phillips 1948 table model 114K Six valve radio.



EVERYTHING ELSE.

Mailbag always has some interesting questions.

Notes & Errata.. Feb 2021 Arduino based power supply.

Mar 2021.High Current Battery balancer. Aug 2015.

LED party Strobe Mk2.

SILICON CHIP February 2021 No 2/2021

Features & Reviews.

P9 Radio Time Signals throughout the World.

P25 Follow Up: Standard 3 bit majority gate and how incorporate to a full one bit adder

P74 Making ANDROID Apps with App Inventor.

P88 Upgrading computer to latest CPU.

P98 El Cheapo modules: The LCR-T4 Digital Multi tester. Jim Rowe reviews a very handy tester for the workshop.

CONSTRUCTIONAL PROJECTS.

P28 Battery Multi Logger

P38 Arduino based adjustable power supply

P61 Electronics Wind chimes

P80 Raspberry Pi to make a compact virtual Electronics Workbench

YOUR FAVOURITE COLUMNS

P46 The Serviceman

P69 Circuit Notebook. LCD Clock.



DIY laser rangefinder. Animal and Pest Controller.
WiFi Snooping with Raspberry. Multi frequency sine wave generator.
P102 Vintage Radio. Looks at a 1952 vintage Phillips BX205 B-01 AM/SW battery valve radio.
EVERYTHING ELSE is still found here.

SILICON CHIP REVIEW JUNE 2021 6-2021

FEATURES & REVIEWS.

The right to repair and Modify. Who wants to waste and throw away old or unwanted items because they have developed a fault. If you have the skills and parts why not repair it yourself. Are we to become more of a throwaway society.?

The History of USB. Been around for 25years and things have changed along with time.

The History of Videotape - Camcorders and Digital Video. Part 3. Baty, Switzer & Humphris.

First Look: Arduino IDE 2.0. This latest version has significant improvements to the free software.

Review: Weller T))53298599 Soldering Station.

CONSTRUCTIONAL PROJECTS.

Advanced GPS Computer Part 1.

Recreating the Arcade Ping Pong.

PIC Programming Helper.

Programmable Hybrid Lab Supply with HiFi – Part 2.
0-27V @5A,

YOUR FAVOURITE COLUMNS.

Circuit Notebook.

Building a Better Mouse Trap,

In and out of circuit LED tester.

Serviceman's Log. Trying to fix unbranded generic equipments very frustrating.

EVERY THING ELSE.

Editorial viewpoint.

Mailbag.

Notes & Errata.

Programmable Power supply. May 2021.

Arduino based Power supply Feb 2021.

DIY Reflow Oven Controller Apr/May 2020.

Deluxe Touchscreen eFuse July 2017

And enough reading there.



Happy Reading - VK3KG

From: Tony Haintz <T.Haintz@damascus.vic.edu.au>

Sent: Friday, 19 March 2021 12:25 PM

To: Gordon Cornell <wcornell@bigpond.net.au>

Subject: Damascus College Thank You

Hello Gordon

I hope that the COVID-19 year has not been too hard on your good self and the members of the Ballarat Amateur Radio Club.

Our association through the Christian Personal Development Award Year 01 Introductory Program has been a very long one. It has been beneficial to so many young people at our College

My records indicate that our association began in May of 2005 with yourself and John Kennedy being the first to come.

There have been many others since: John Hazeldine; Les Snibson; Ian McDonald; Doug Raper; John Candy; Bob Tyrill; Craig Cook; Peter Pollard; Bob Pitcher; Stuart Hutchison; Lochlan Macdonald; Charles Sheldon-Collins; Ian Fairweather; Paul Black; Colin Consiglio; Doug Ellery

There have been 109 Sessions conducted across that time.

We have decided in a Covid-19 kind of way to reassess the way this program is functioning and have decided to move in a new direction.

On behalf of Damascus College I would like to offer our sincerest thanks to the members of the Ballarat Amateur Radio Club and ask that this be forwarded to the membership.

We wish you well. Over

Kindest Regards,

Tony Haintz

Assistant Principal

In Case Of Emergency

Dial 000

When asked for your location, say:

I am in Ballarat, Victoria. I am at the “**Ballarat Amateur Radio Group**” club house,
which is at “**Hut 32 – Ballarat Airport**”.

However I have been told that this address is not listed on the emergency services maps,
so I will give you GPS co-ordinates, in Decimal Degrees, are you ready?

-37.516667 143.784083

Alternate Coordinate Formats

Decimal Degrees (Signed)
-37.516667 143.784083

Degrees, Decimal Minutes
S37° 31.000' E143° 47.045'

Decimal Degrees (Cardinal Points)
S37.516667 E143.784083

Degrees, Minutes, Seconds
S37° 31' 00" E143° 47' 2.7"

Universal Transverse Mercator (UTM)
54H 746055E 5844167N (UTM)

The Triple Zero (000) service is the quickest way to get the right emergency service to help you. **Stay focused, stay relevant, stay on the line**

- Make the call
- Stay calm and call Triple Zero from a safe place.
- When your call is answered you will be asked if you need Police, Fire or Ambulance.
- If requested by the operator, state your town and location.
- Your call will be directed to the service you asked for.
- When connected to the emergency service, stay on the line, speak clearly and answer the questions.
- Don't hang up until the operator tells you to do so.