Monthly Newsletter Of The Ballarat Amateur Radio Group Inc. #6953T

Box 1261, Mail Centre, Ballarat, Victoria, 3356, Australia.

Next Meeting

FRIDAY, 28th of February, 2014, at 7.30PM BARG NETS

TUESDAY NIGHT 8.00 PM 146.650 MHz FM VK3RBT THURSDAY NIGHT 8.00PM 3.608 MHz SSB VK3BML



Volume No: 37 Issue 2 February 2014





WHY SENIORS NEED NEWSPAPERS

I was visiting my daughter last night when I asked if I could borrow a newspaper...

"This is the 21st century," she said. "We don't waste money on newspapers. Here, use my iPad."

I tell you what, That fly never knew what hit him.

Important Disclaimer

Me sending this to you, does not mean I think you are old (much) it is purely acknowledgement that you have a similar sick sense of humour as I do

B.A.R.G Items for Loan.

Antenna Analyser MFJ269 HF-VHF-UHF
Antenna Analyser MFJ249 HF/VHF
UHF Antenna Analsyer
Antenna Analyser VHF. Autek.
Receiver Drake SSR-1.
Receiver FRG-7.
Transceiver TS-530.
Oscilloscope BWD 509.
Grid Dip Oscillator.
Safety Belt.
Antenna Gin Pole.

This morning on the Freeway, I looked over to my right and there was a WOMAN in a brand new VW GOLF!! Doing 110 km/hour.

With her face up next to her rear vision mirror putting on her eyeliner.

I looked away for a couple seconds and when I looked back she was halfway over in my lane, still working on that makeup.

As a man, I don't scare easily... but she scared me so much I dropped my electric shaver, which knocked the meat pie out of my other hand.

In all the confusion of trying to straighten out the car using my knees against the steering wheel, it knocked my mobile phone way from my ear, which fell into the coffee between my legs, which splashed and burned 'Big Jim and the Twins", Ruined the phone, soaked my trousers, and disconnected an important call.

BLOODY WOMEN DRIVERS!!!

The ID card

The other day I needed to go to the public hospital but not wanting to sit there for 4 hours, I put on my blue jacket and pinned on a plastic ID card that I had made off the Internet onto the front of my jacket.

When I went into the hospital, I noticed that 3 quarters of the people got up and left. I guess they decided that they weren't that sick after all. Cut at least 3 hours off my waiting time.

Here's the patch. Feel free to use it the next time you're in need of quicker emergency service:



It also works at Centrelink. It saved me 2 hours...

Don't try it at McDonald's though.

The whole staff disappeared and I never got my order!!!!!!

SILICON CHIP JANUARY AND FEBRUARY 2014 NOW IN CLUBROOMS



Departments

And Plays A Tune

94 Vintage Radio

2 Publisher's Letter

4 Mailbag

19 Subscriptions

57 Product Showcase

67 Online Shop

Philco Safari: the first transistor portable projection TV set - by Ian Batty

99 Ask Silicon Chip

103 Market Centre

104 Notes & Errata

JANUARY 2014

Man

Build A LED Party

Strobe - Page 58.

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SILICON CHIP JANUARY AND FEBRUARY 2014 NOW IN CLUBROOMS



98 Ask Silicon Chip

103 Market Centre

4 Mailbag

26 Online Shop



REVIEW WITH CRAIG, VK3KG

REVIEW of the JANUARY Edition of QST for 2014.

- P9 Editorial discussing how Hiram P Maxim began his radio career with Clarence Tuska. From here the ARRL commenced.
- P24 Letters.
- P30 Microwave wave Oven. Are you interested in building your own HP HF Amplifier? Consider the transformers from discarded Microwave Ovens.
- P35 Use your Screwdriver antenna on a Tripod stand.
- P38 Use a Digital TV Dongle to have your own Virtual Radar.
- P43 Portable Antenna rotator system for a small tripod.
- P46 Modern keyed VFO for Vintage Transmitters.
- P51 Review Yaesu FTDX1200Hf and 6 Metre transceiver...
- P58 Use a Signal Sampler to monitor Transmitted Signals.
- P60 The Doc looks at: Forcasts are Best Guess Heres Why pays to Listen.
- P62 Review; KOLIN 2Q Lite Headset.
- P63 Ha nds on Radio. Exp 132 Resistor Networks.
- P65 Microwaves: Bandscopes, Watrefalls and Software Defined Radios.
- P67 Hints/Kinks. Surface mount Soldering. Fuse Hunt, & Meter Light Upgrades.
- P69 The Beginning. Historical reading of ARRL. Continuing from p9 Editorial.
- P71 Thousand miles per Watt. Low power QRP Award chasing can be done.
- P89 Work Long path on 6 Meters.
- P94 Vintage Radio looks at a 1922 Transatlantic Story. www.k2tqn.com
- P98 Index for QST Jan 1939, Jan1964 and Jan 1989.
- P156 OST Index of Advertisers.

REVIEW of the FEBRUARY Edition of QST for 2014.

- P9 Technology is Taking us Where.?
- P13 Logbook of the World.
- P24 Letters.
- P30 Stealth Antenna for HF. 10 thru 10M.
- P33 A 10M Beacon Transmitter. 1W or 3W.
- P36 A User Configurable Morse Keyer.
- *P40 Using Your Grid Dip Oscillator.
- P43 Two Encoders for the TEN-TEC Orion Band Output Signals.
- P46 A 40M Vertical for Small Spaces.
- P49 Real Sig reports in Real Time using Digital modes.
- P52 FreeDV Evolves Described before. See VK5DGR David. www.freedv.org
- P53 Review Kenwood TS990S HF & 6 Meter Transceiver.
- P62 The Doc, Answers a wide range of questions.
- P65 Short Takes: HF Projects HF Packer Amp.[160-10M]
- P66 Hands on Radio. Exp 133. Extended Zepp Antenna.
- P68 Hints & Kinks. Vac Caps, Induction Audio, Secure mast Brackets and more.
- P72 Hiram Percy Maxim. Inventor and a radio amateur.
- P78 Solar Banners A Propagation Resource. www.hamqsl.com/solar.html Interesting resource read.
- P92 Above 50Mhz. Nov Spectacular F2 Openings
- P96 Vintage Radio. Life of John Reinartz K6BJ. From Spark to Radar he was an inventive genius. Further reading at www.K2TQN.com
- P101 Index to QST Feb 1939, Feb 1964 and Feb 1989.
- P156 Iex to Advertisers.

Bit of everything page....

A good QTH Locator

http://qthlocator.free.fr/index.php

John Moyle and other field day SOFTWARE:

http://www.mnds.com.au/vkcl

The November 2013 BARG Field day was won by lan, VK3AXH.

BARG Remote Radio Software Version 1007 is now available.

Ask or email Roger, VK3ADE.

The next two pages are from VK3NIC.

NIC showed his project to the group on Saturday 15th of Feb.

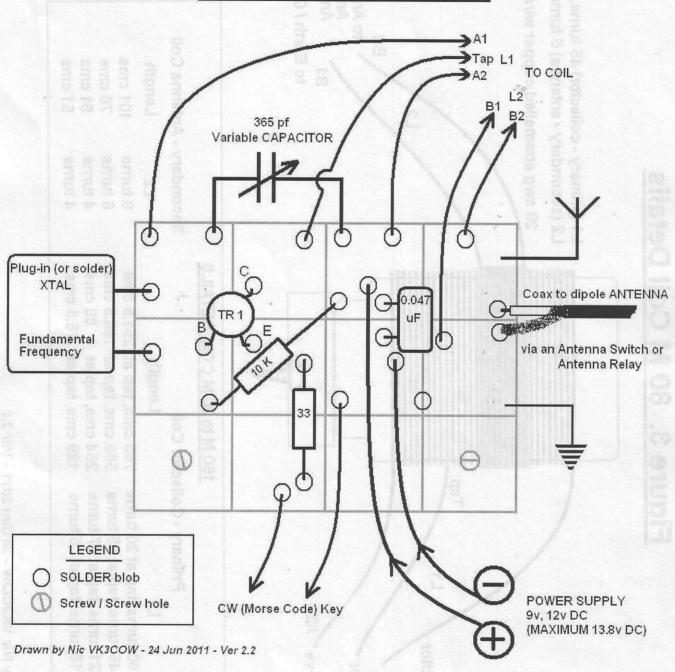
The circuits etc. were pre-publication.

If you require more detailed information, it is published in WIA Amateur Radio August 2012.

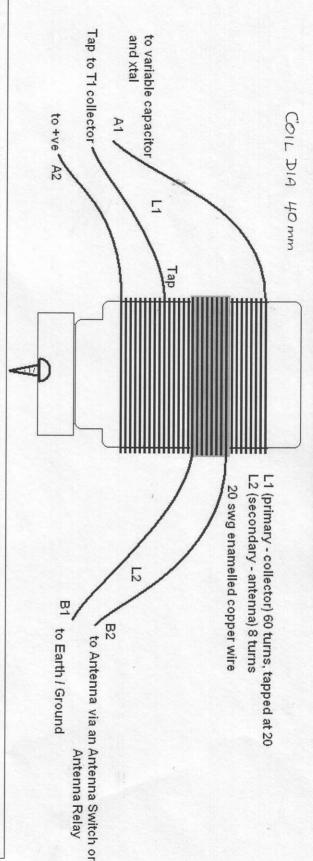
WIA Amateur Radio August 2012

(Pages 14-17 inclusive)
VK3COW Nic and VK4AAE Alan

Figure 2. Blob Board Layout



CW Tx 500mW Output -160m Coil Details



OIES

dimensions also seem to work. I used 20 swg enamelled wire; but I have also used 21 and 22 swg then pushed the container onto the lid.) Dimensions of my coil former are approximately 9cm (3.5") long X 4cm (1.5") diameter, but any similar l used an inverted plastic vitamin container with a push-on lid as my coil former. (I fixed the lid to the mounting board with a screw - as above - and

always be at the 'hot end' (+ve) of L1 - didn't seem to make much difference in this case. I also found that the output didn't change when I varied the position of L2 along L1. (Convention suggest that the coupling coil to the antenna should

If you use a different diameter coil former, you may want to work with the lengths of wire from the table below, rather than number of turns. It worked Don't forget to add extra lengths on each end to connect to the circuit board!

Secondary - Antenna Coil Secondary - Antenna Coil

Drawn by Nic VK3COW - 1 Dec 2010 - Ver 2.0