

SARC RADIO NET NUMBERS / CHECK-INS

Weekly HF Dawn Patrol – 44 - For week ending Thur 14SEP2023.()

Monday – 3 ()

Tuesday – 4 (See report)

Wednesday – 4 (See report)

Thursday (Dual Repeater) (See Report)

- 5 – 2m Parrots Nest

- 4 – 2m Mallanganee

Friday 80m (After Dark Net) – 7 (See Report)

SARC nets and times: <https://sarc.org.au/nets-broadcasts/>

SARC repeater information: <https://sarc.org.au/repeaters/>

CALENDAR NOTES

Events of interest to SARC are in **BLUE & RED**

Other events of interest for our subscribers are in **GREEN**

UPCOMING EVENTS

CLICK ON EVENT NAME TO OPEN

SARCFEST

SEP 23rd 0800 – 1600 hrs

CQ WW RTTY CONTEST

SEP 23rd 0000 UTC - 24th 2359 UTC

WIANGAREE ENDURO

OCT 1st. SARC assisting Kyogle Enduro

OCEANIA DX CONTEST - PH

OCT 7th 0600 UTC - 8th 0600 UTC

RUS WW DIGI – BPSK63 RTTY45

OCT 7th 1200 UTC- 8th 1159 UTC

Tuesday - Net Report

DIGITAL MODES

- Paul VK2AMT

TUESDAY12 SEPTEMBER, 2023

It seems that the Diginet comes around so quickly. Logging in with Paul VK2AMT as VK2SRC were: Duncan VK2DLR and John VK2ZJJ. We had our normal couple of overs on Parrots Nest 2 metres before we QSY'd to our normal frequency of 3.590 USB.

Jeff VK2WSR was waiting for us on frequency. As usual, we used Fldigi and Olivia 8-500. The great conditions continued. Duncan was S4 and +12 S/N, Jeff was S3-4 and +10 S/N, Dave was S5-7 and +12 S/N. The decoding was 100%. Dave dropped in at about 8.30 after doing domestic duties. The discussion was quite varied and included comments on the recent ACMA video conference on amateur radio and the role of assessors and whether or not the Dawn Patrol needed changes. Other topics, mainly technical, were also discussed. The Diginet is really also a Techie Net.

Another excellent net and thanks to the loyal support from Duncan, Jeff and Dave.

– Cheers from VK2AMT (as VK2SRC).

Wednesday Net Report

- Andrew VK2XI

4 SARC members on tonight's net. VK2AMT, VK2DLR, VK2ARS and VK2XI. We discussed the many wonders that are present within a Smith Chart and also the Do's and Don'ts when starting out on the retirement journey.

Editor's Note: Andrew kindly contributed a reference source to the power of the Smith Chart. See video in 'Other Interesting Bits' (below).

Thursday Night Dual Repeater Net Report

- de Duncan VK2DLR

Five! yes five on last thursday's net... If it wasn't for the Pentagon, then all soccer balls would be flat.

John VK2ZJJ, Paul VK2AMT, Jeff VK2WSR, Mick VK2XML and Andrew VK2XI joined Duncan VK2DLR for the Thursday night net held, first on the Parrots Nest 2M repeater and then on the Border Ranges 2M repeater. Good signals all round on both repeaters. The main topic of conversation centered about Bureaucracies, fairness and the 'one size fits all' mentality.

One of the advantages of the internet is that it's made it increasingly difficult for any person or any organization to keep 'less than reasonable' dealings hidden from view. An example was explained how the differences on flood relief from the 2022 flood depends on whether you were flooded in the last few years. Sounds reasonable at first blush. However, it precludes anyone that helped themselves after the 1974 flood. Many who were affected by the 1974 flood, who had the sense and resources, rebuilt above the "1974 flood level plus a metre". That was the conventional wisdom at the time.

The 2023 bureaucratic means that those who did the right thing after 1974 are excluded from the first round of assistance because they haven't been flooded since 1974. Where's the fairness in a scheme that punishes people who did the right thing nearly 50 years ago. "One size fits all" makes for simple administration. When does fairness get a look in?

- de Duncan VK2DLR

Friday After Dark Net Report

- Jeff VK2WSR

The Friday After Dark Net numbers for Friday night 15-09-23 were 7.

VK2WSR, VK2FABG, VK2ZDR, VK2YHP, VK4GCR, VK4TSA and finally "tail end Charley" VK4BT all joined the net this week. Conditions for the net were considered poor by some, relying on relays on several occasions. Discussions included conditions, weather conditions, nesting birds and activities throughout the week.

Update on ACMA Proposed Changes to Amateur Radio - a VK2DLR view of things.

This item has to come with a strong disclaimer. I'm yet to see any of the following points expressed in short single syllabus sentences. It's what I think after reading the ACMA information, attending the ACMA Assessor's briefing and from talking to others. With a deep breath and acknowledging that I could be well and truly wrong but after the proposed system is introduced:

- No Annual fees for amateur radio.
- New AR operators will pay a once of callsign allocation fee of around \$50 - depending on various options.
- Qualifications (to be called "Recognition Certificates") will still be required for the three grades of operator.
- "Normal" examinations conducted by volunteer assessors will be free.

There are lots of other issues to be sorted out, but the four points above are probably the ones that are of concern to most existing and potential Amateur Radio Operators.

I hope I got it correct.

de Duncan
VK2DLR

OTHER INTERESTING BITS Click on the 6 images below to open.



#325: Use NanoVNA and Smith Chart to show effect of adding transmission line length

A very interesting video on the power of a Smith Chart. [Andrew VK2XI](#)

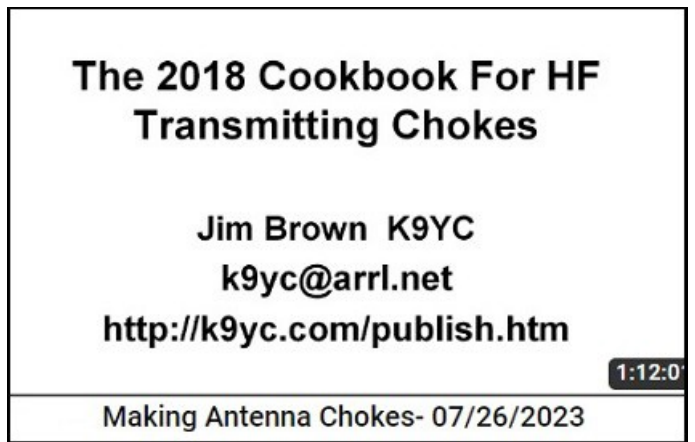


Antennas PDF 2 - 30 MHz



Testing Wire Dipole Materials for HF

I just found this interesting video on testing different types of wire on Dipoles. [Dave VK2ZDR](#)

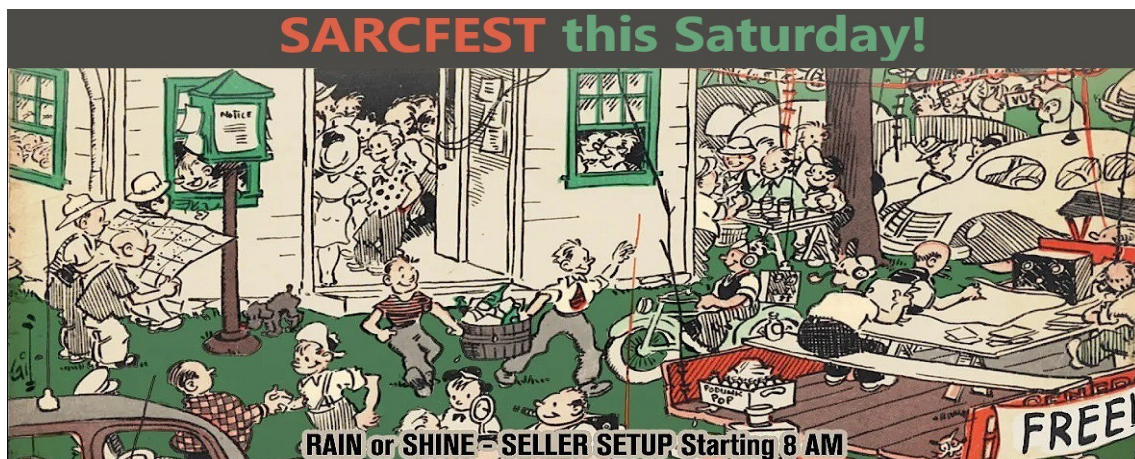


Editors note: I contacted Helge Fykse LA6NCA for more information on the homebrew Arduino Oscillator. He sent me the following links...

https://www.la6nca.net/homebrew/arduino_si5351/index.htm

<https://www.la6nca.net/homebrew/si5351/index.htm>

<https://learn.adafruit.com/adafruit-si5351-clock-generator-breakout/overview>





2023 SARCFEST

SARC Clubrooms,
412 Richmond Hill Road
Richmond Hill, 2480.

Saturday September 23 @ 08:00 - 16:00

ENTRY: FREE - SELLERS: FREE

EFTPOS Facilities Available

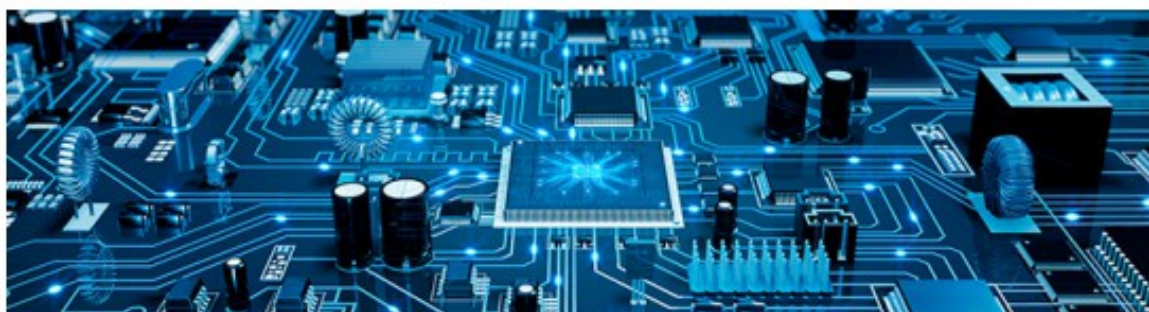
Sellers, please bring your own tables and shade.

FOOD: yes, SARC catering will have tea, coffee, and hot food available from 0800 onwards.

SARC Sales Start at 0900

WHAT'S FOR SALE? In keeping with SARCFEST traditions; we'll have a whole lot of new and used parts and components. We'll be advertising any 'big ticket' items on the club website as we get them ready for sale.

Grab some bargains and help us reclaim our shelf space.
AND... Of course we'll have the famous (infamous?) SARC E-Waste Trailer. Gold coin donation territory. Anything in the trailer will be going to e-waste at the end of the day.



Microwave Presentation, Static Display & Live Demonstration at SARCFEST

Saturday September 23rd, 2023 is the Summerland Amateur Radio Club's SARCFest, held at their club house at Richmond Hill just east of Goonelabah [and Lismore] in Northern NSW.

Members of the Brisbane VHF Group will be attending and will have an active presence at SARCFest. Scott VK4CZ, Peter VK4EA and Col VK4VU will be teaming up with Graeme VK2QJ to provide an interactive display, an 'Introduction to Amateur Microwave Activity in SE VK4 and Northern VK2' presentation and on-air demonstration [2.4 and 10GHz] to champion Amateur Microwaving to the Lismore based Amateur community.

Final details are being finalised and worked in with SARC's plans, but here's an overview of the schedule:

9:00am - Gates open - VK2QJ caravan on display along with other uWave equipment

10:00am - 'Introduction to Amateur Microwave Activity in SE VK4 and Northern VK2' presentation by Scott VK4CZ

11:00am - Q&A session at display

1:00pm - On-air demonstration 2.4 and 10GHz [Scott to go to near Clunes - LoS and other side of valley - and provide a target for Graeme and potentially Peter with his IC-905 who will be at Richmond Hill.

If you know any of the amateur community in Northern NSW, please encourage them to come along!

- Regards Graeme VL2QJ

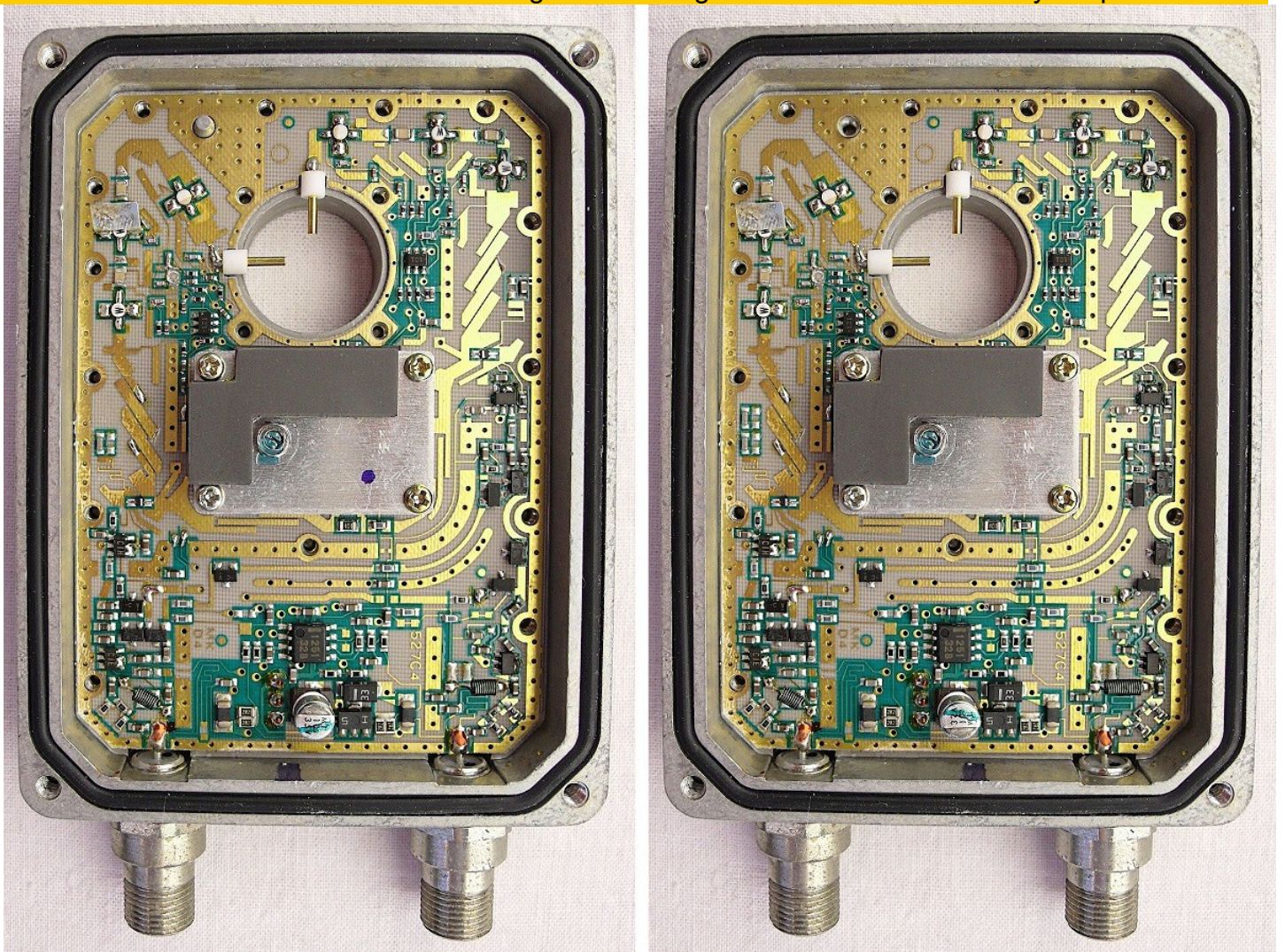
A photo of the clubrooms today. 2023-09-17

- Paul VK2AMT





SPOT THE DIFFERENCE The right-hand image has 10 alterations. Can you spot them?

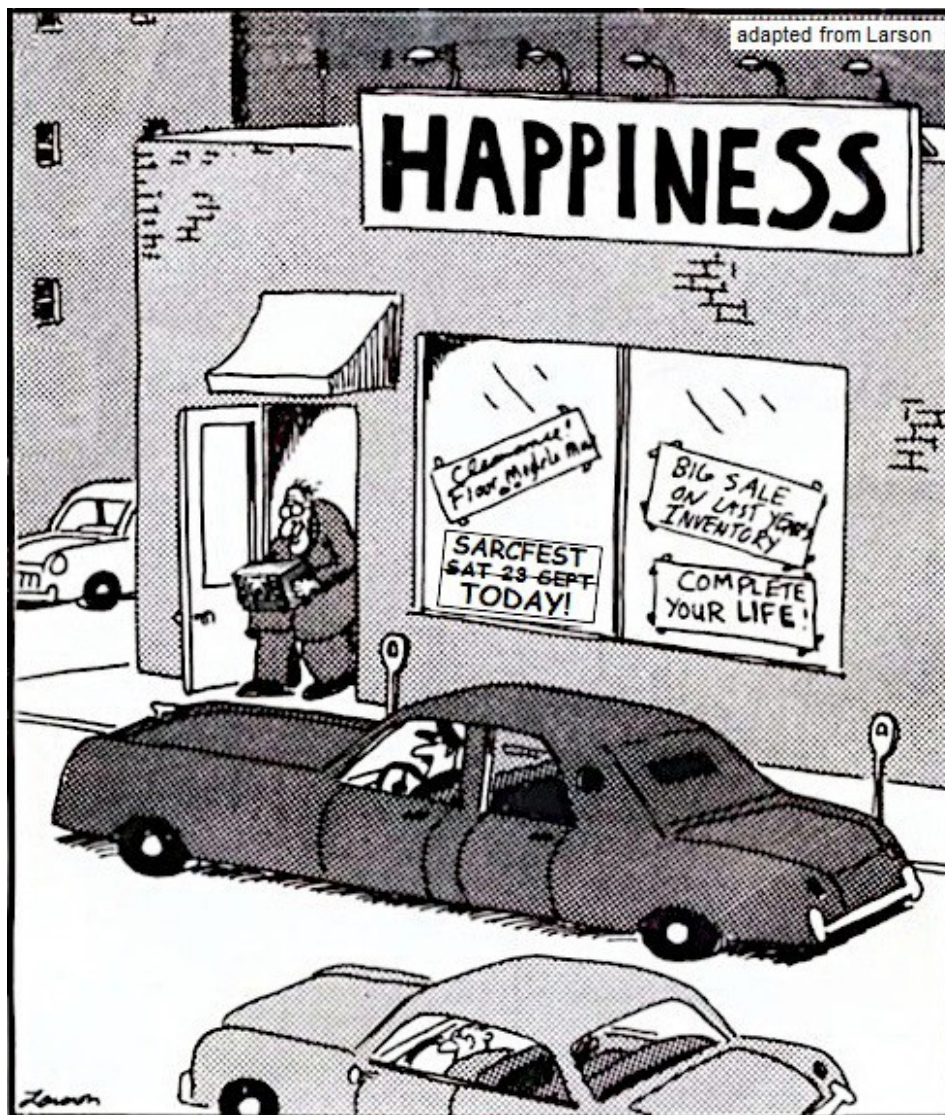


Answer: https://drive.google.com/file/d/12H4YiMZNcyVcud4Ug5yD7C_J6J5_GSmJ/view?usp=sharing



Forecast for East Lismore

	Tue. 19 Sep	Wed. 20 Sep	Thu. 21 Sep	Fri. 22 Sep	Sat. 23 Sep	Sun. 24 Sep
Max (°C)	27	32	36	22	21	23
Min (°C)	8	10	13	11	9	8
Chance of rain (%)	5	5	20	20	30	40
Rainfall range (mm)	0	0	0	0	0	0 to 1



HIS FEW FRIENDS HAD TOLD HIM HE COULD NEVER BUY IT, BUT MR. CRAWLEY SURMISED THAT THEY JUST DIDN'T KNOW WHEN AND WHERE THE SALE WAS.

SARC Newsletter Subscription: sarcnews@gmail.com

SARC Newsletter Archives: <https://sarc.org.au/weekly-newsletters/>

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