

## SARC RADIO NET NUMBERS/CHECK INS

**Weekly HF Dawn Patrol – 42** - For week ending Thur 05MAY2022.

**Monday – 5**

**Tuesday – 5** with 2 extra stations dropping in when the net started on HF.

**Wednesday – 6**

**Thursday Net – 6** – 2 metres Woodburn.

– 3 – 6 metres Parrots Nest.

– 3 – 70cm Parrots Nest. 70Cm working very well.

**Friday 80m Net – 4**

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

**Upcoming Events** <https://sarc.org.au/events/>

### UPCOMING EVENTS

#### **SLOW MORSE CONTEST**

Sat 14<sup>th</sup> MAY @ 0800-1100hrs 80m

Sun 15<sup>th</sup> May @ 0300-0600hrs 40m

See link below

#### **COMMITTEE MEETING**

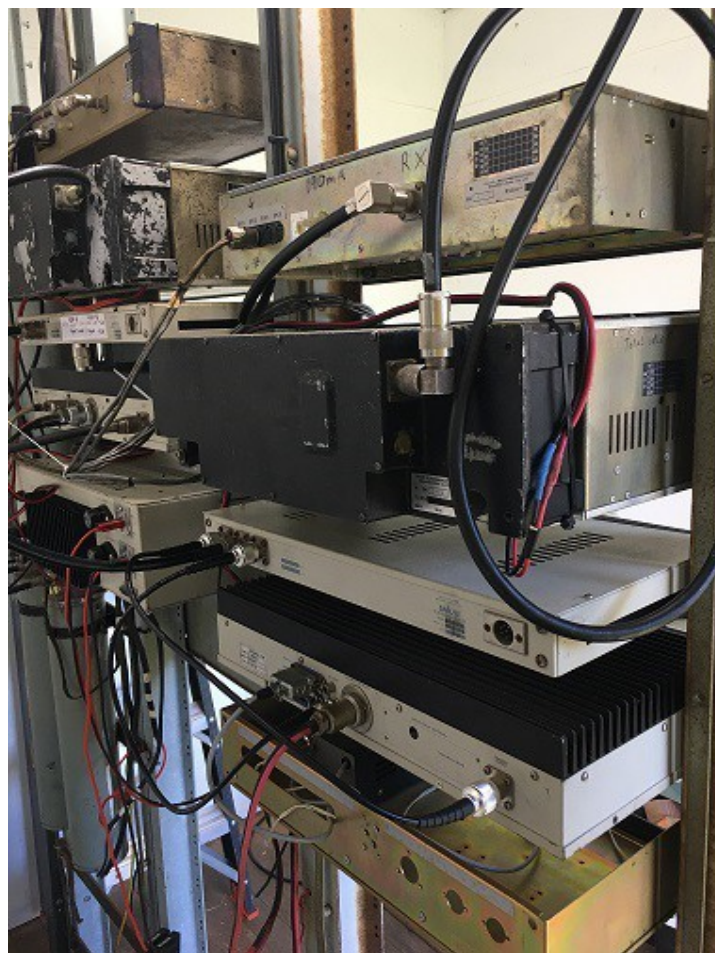
Sun 12<sup>th</sup> JUN @ 1300hrs

<https://www.wia.org.au/newsevents/events/>

## Repeater at 70cm

- Ross VK2ARD

Today I had a visit to our repeater site at Parrots Nest & installed the refurbished 70cm repeater(439.950), the repeater requires a 123 tone for access & now has a repeater controller attached to it for expansion in the future, a link to Grafton is on the cards.



A big thanks to Graeme & Tony in Grafton for their efforts in bringing this frequency back online, the system is a Unilab that has had some substantial work done to it, a re-tuned diplexer looks after the single antenna for TX & RX.

Thanks to John(ylo) for his help today installing the gear & he also did a quick spray around the huts & tower.





2m & 70cm link



6m & 70cm

A sweep of the antenna revealed that the SWR on both TX & RX is below 1.2:1, Dave(zdr) & Brian (mbj) gave the new system a work out & it seems to be working well. It will be interesting to see what it's coverage is.

- Cheers. Ross (vk2ard)

## Tuesday-Net Report

## DIGITAL MODES

- Paul VK2AMT

TUESDAY 03 MAY, 2022

flidigi ver4.1.20 - VK2SRC

File Op Mode Configure View Logbook Help

14070.000 Freq 14071.500 On Off 1108 In 599 Out 599 Cnty/Cntry Notes

Call Op Az

USB Qth St Pr L

around the problem.

Was playing on JS8 this arvo to test it. Ton of activity to US and Mexico this arvo on 20 m. Filled the screen with several long QSOs happening. Unusual.

Btu VK2SRC es GRp de VK2ZTY k

N "c" [y [J\*07z]Lse=HkN[w1fWS0L22]=oo V\_OUQ-f(d/25@Qrv Q:6BT&V ttf)vxSR[y54%K^QOQ G.....Upped the power to 75w last over and Jeff decoded

Now 90watts, let's beat the noise with some horsepower!!

You are fine here Duncan, Nick also. Amazing, hardly any audio to my ears from Nick and 10

.....Upped the power to 75w last over and Jeff decoded me. Now 90watts, let's beat the noise with some horsepower!!

You are fine here Duncan, Nick also. Amazing, hardly any audio to my ears from Nick and 100% here.

Roger on computer noise, those Macbooks are pretty noisy things. Small thin laptops are not viable for me. Too thin and power supply compromises fr USB devices.

Good on you Nick for the JS8 calls. We did test that some time ago.

Over to DLR, ZTY, WSR maybe??

de VK2SRC k^r

CQ

RsID CQ ANS H QSO KN SK Me/Qth Brag T/R Tx Rx TX

WF -5 67 x1 NORM 1500 QSY Store T/R

OLIVIA-8/500 -120,-110,-100,-90,-80,-70,-60,-50,-40,-30,-20,-10...

This week on the Digi Net we had Jeff VK2WSR, John VK2ZJJ, Duncan VK2DLR and Dave VK2ZDR logging in with Paul as VK2SRC. We had our normal two rounds of personal news and chat before we QSY'd to our 40 metre HF frequency of 7.046 USB.

We used Fldigi and Olivia 8-500 again. This combination just picks itself as an ideal keyboard chat mode. Duncan joined me but we both had problems copying Jeff. Unfortunately the noise at my location was S9 +10dB with the RF gain at maximum. A fair bit stronger than the S7-8 it normally is. After a couple of overs Nick VK2ZTY dropped in with a signal just audible above the noise. Decode was about 95% from Nick. Jeff struggled gamely on but decided to give it away after a while. A surprise and very welcome newcomer was our first real DX operator on the Digi Net, Stephen ZL1ANY from Masterton, New Zealand. Stephen's signal strength and decoding accuracy to me was pretty much identical to that of Nick VK2ZTY. This was a real highlight and it sounded like he will be back for the next Digi Net, propagation permitting. Stephen stayed with us until the end at about 10pm. The decoding during the net was pretty patchy, blame the conditions!

A fascinating net with the usual collection of nearby signals and noise to battle with. One thing I did try was to reduce the RX bandwidth towards the end of the net to 850Hz, something suggested one night by Chris VK2ACD. Thanks to all who participated. HF can be a battleground but it allows distant stations to participate.

– Cheers from Paul VK2AMT (as VK2SRC)

## Snippets

- Paul VK2AMT

I have been getting emails from Makerspaces.com. They have lots of projects aimed at school projects and kids (STEM subject) but others can benefit too. Lots about Arduino. They have some nice basic tutorials. The solder one is good, as is the workbench plan. Worth a look.

**Makerspaces**  
.com

<https://www.makerspaces.com/we-love-maker-educators/>

Another good piece on S meters is here:

<https://www.ttssystems.com.au/technical-notes/>

A somewhat longer piece is here:

[https://en.wikipedia.org/wiki/S\\_meter](https://en.wikipedia.org/wiki/S_meter)

## OTHER INTERESTING BITS Click on 2 images below to open.



Editor's favourite BLOG website (VK1NAM)

## OIB Feedback

- Peter (VK2PAH)



Thanks to the link to the Outer Limits. Sure brought back some memories.

I remember as a kid of about 11, I used to lie at the top of the stairs and watch it when Mum and Dad watched it in the lounge room. Also, A for Andromeda.

73....Eric VK2VE.

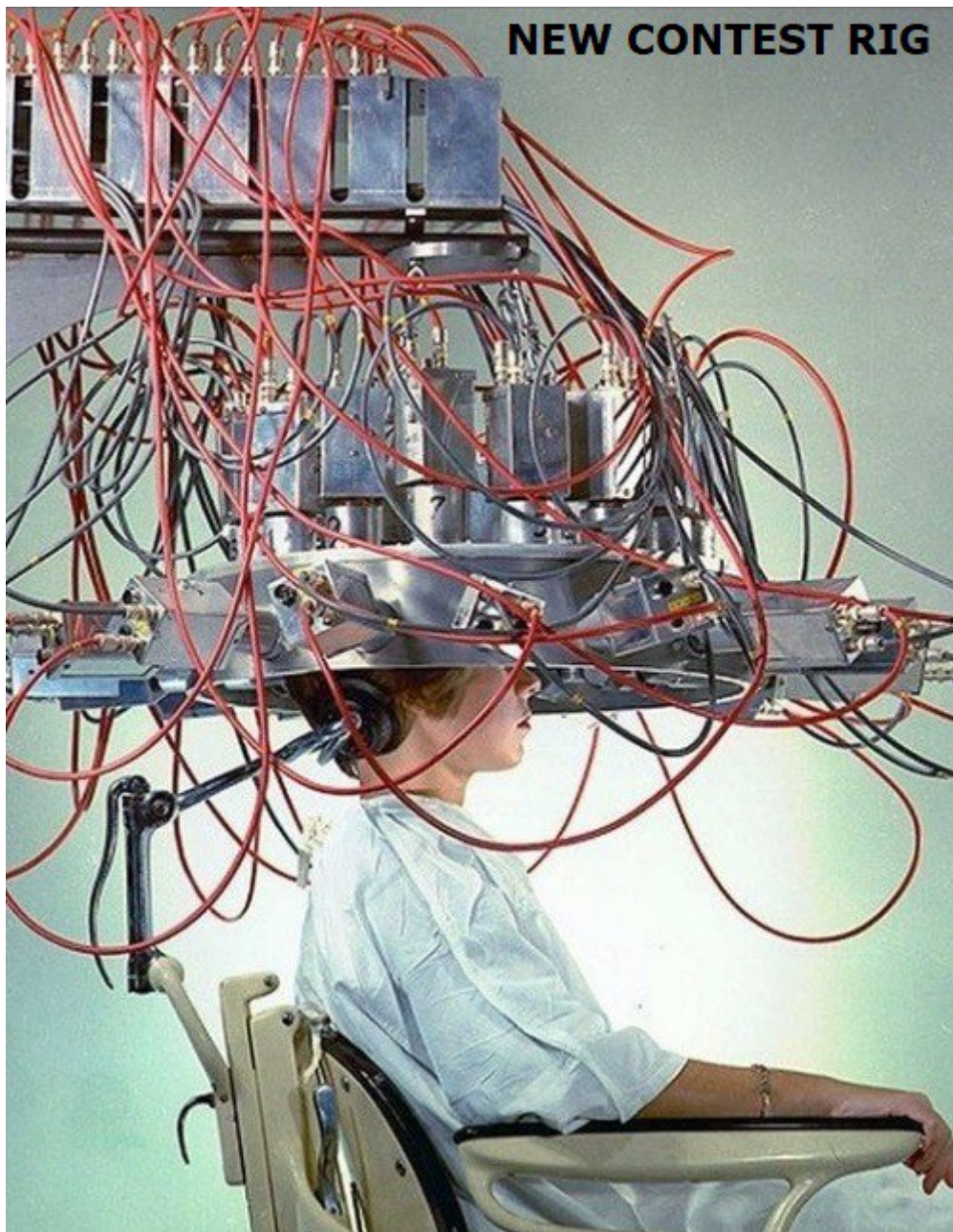


**6-DAY LISMORE (FORECAST).** Click image to open METEYE (2480 for East Lismore).



**Forecast for East Lismore**

	Tue. 10 May	Wed. 11 May	Thu. 12 May	Fri. 13 May	Sat. 14 May	Sun. 15 May
Max (°C)	23	23	24	24	25	27
Min (°C)	15	17	16	17	18	18
Chance of rain (%)	50	100	100	95	90	60
Rainfall range (mm)	0 to 1	8 to 25	4 to 15	5 to 20	0 to 4	0 to 1



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

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