

## SARC RADIO NET NUMBERS/CHECK INS

Weekly HF Dawn Patrol – 32 - For week ending Thur 24FEB2022.

Monday – 4 - With Andrew VK2AKK listening.  
John VK2ZJJ as net controller

Tuesday – 5

Wednesday – 6

Thursday Net – 5 – On 2 metres, Woodburn.  
- 4 - On 6 metres, Parrots Nest.

Friday 80m Net –

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

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

John Moyle Field Day Rules for 2022: <https://www.wia.org.au/members/contests/johnmoyle/documents/John%20Moyle%20Field%20Day%202022%20Rules.pdf>

### UPCOMING EVENTS

**COMMITTEE MEETING**

Sunday 13<sup>th</sup> March 1300hrs

**JOHN MOYLE FIELD DAY**

Sat-Sun 19-20 March

See link below

**COMMITTEE MEETING**

Sunday 10<sup>th</sup> April 1300hrs

Tuesday-Net Report

DIGITAL MODES

- Paul VK2AMT

TUESDAY FEBRUARY 22, 2022

Tonight, joining Paul VK2AMT as VK2SRC were Duncan VK2DLR, John VK2ZJJ and Chris VK2ACD. I was expecting Jeff VK2WSR to join us on HF and he did. After a round or so on Parrots Nest 2 metres we QSY'd to 40 metres, 7.046 USB.

We had another session with our favourite keyboard mode on Fldigi, Olivia 8-500. 40 metres was filled with all sorts of signals but our chosen one was fairly free. There were short bursts of what looked like high speed digital signals from time to time just below us. Clearly visible on the waterfall. The noise level did increase during the net, something I have seen before. There was also a fair bit of QSB which affected decoding accuracy a bit at times. No bad storms near any of us, fortunately. Chris suggested a neat trick, to limit the RX bandwidth on digital modes to improve signal to noise, about 800Hz in width. Something to look into.

Thanks to Duncan, Chris and Jeff for joining me. Another good night.

-Cheers from Paul VK2AMT (as VK2SRC)

The screenshot shows the Fldigi software interface. The top bar indicates the version 'fldigi ver4.1.20 - VK2SRC'. The main window displays a chat log with the following text:

```

Before RSID: <<2022-02-22T09:27Z OL 8-500 @ 14070000+1500>>
+ S&..... de VK2ACD tks duncan missed most of that as i bumped off frequency using 14W here, the usual set up with the K3
and the 12 volt small monitor is working well, about 6 times the area of the P3 but not overwhelming like a large monitor can be.
also don't have to have mains power on when using K3
"barefoot" over to jeff vk2wsr es gp de vk2acd6g {d1f4}[]
Before RSID: <<2022-02-22T09:29Z OL 8-500 @ 14070000+1500>>
VK2ACD es grp de VK2WSR
Thanks Chris
Similar digi setup here. fl and sstv on desktop computer and linked to IC7300.
Getting easier to start as I get used to the system.
Overcast day here with the threat of storms that were close but didn't effect us in the end.
100% decode on all.
Back to Paul
VK2SRC de VK2WSR
[] 9[] D
0B.....Good to have a decent c

.....Good to have a decent crew onboard for the net.

For once, the storms aren't around here, Sydney copped a
clobbering. Some off frequency voice, a nuisance.
Not affecting things yet. Chris, is that a computer monitor?
12 volt ones are a bit uncommon. Also Chris, was that
Romanian iso on 20 metres on FT8? Europe has been
excellent in the evenings on quite a few bands.

dr, acd, wsr
de VK2SRC k^r
  
```

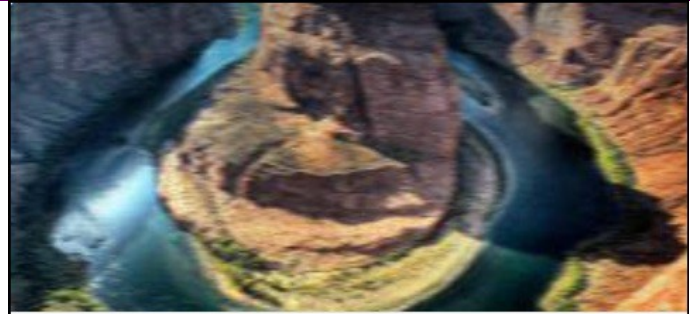
The bottom of the screenshot shows a waterfall display with various controls like 'ANS', 'QSO', 'KN', 'SK', 'Me/Qth', 'Brag', 'T/R', 'Tx', 'Rx', and 'TX'. The frequency scale is visible at the bottom, ranging from 500 to 5500 kHz.

## SSTV Skimmer

- Andrew VK2AKK

For those interested in SSTV this will be of interest to you if you are not already aware of this site. It works as SSTV Skimmer using 2 SDR's listening to 7.171 LSB and 14.230 USB 24\*7 saving every image. Great for testing in almost real time.

It is apparently located in a very low noise area and appears to work very well indeed. I have only had a brief scan through the past history but have found 2WSR & 2AKK images with excellent quality.



### AREG Remote HF Receiver – KiwiSDR

AREG is pleased to announce that we can finally open ports on our HF Remote receive site to the general public. ...

## ANTENNA PROJECT: Equatorial Mount for Satellite Antenna

- Chris VK2ACD



How to make and use an Equatorial Adaptor for a Ham Satellite Antenna. *Instructables* is a great website for DIY projects of all kinds of things.

<https://www.instructables.com/Equatorial-Mount-Adapter-for-Ham-Satellite-Antenna/>

## SARC MEMORIES: Extract from a 1987 SARC newsletter

- Chris VK2ACD

### JOHN MOYLE CONTEST

A small group of quasi enthusiastic beings fronted for this event. We beat all previous records and got our score into double figures at last. Apart from contesting and rag chewing, various beings attacked more Channel 8 equipment and reduced it to cashable brass, copper and bits. The weather was kind and a pleasant afternoon was enjoyed by all.

### PICNIC AT BYRON BAY

Who says that RF energy doesn't affect the weather? It did the trick on the day. The collective talk power dissipated the damp and the Bay had its best fine day for weeks. Nine members, 15 in all including family, attended and a good ragchew was had. It was good that two of our associate members were able to make it which enabled the two-way contact to be made. Only two energetic (or weight-watching?) souls, VK2DLR and Liz, stirred up the energy to walk up to the lighthouse. Some others did stray a bit and Blue did some beachcombing, or was it bird-watching?

– Contributed by Jim Cunningham VK2ESI. Publicity Officer SARC.

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



### Forecast for East Lismore

	Tue. 1 Mar	Wed. 2 Mar	Thu. 3 Mar	Fri. 4 Mar	Sat. 5 Mar	Sun. 6 Mar
Max (°C)	30	32	29	28	28	29
Min (°C)	19	19	19	19	20	19
Chance of rain (%)	50	20	70	80	70	80
Rainfall range (mm)	0 to 1	0	4 to 20	5 to 25	0 to 10	4 to 15

## OTHER INTERESTING BITS Click on image below to open.



SPOT THE DIFFERENCE. Bottom image has 10 alterations, can you spot them?



ANS: [https://drive.google.com/file/d/10k\\_nrc2sABONEuXf6CPAT2I2ZGA9AXb/view?usp=sharing](https://drive.google.com/file/d/10k_nrc2sABONEuXf6CPAT2I2ZGA9AXb/view?usp=sharing)

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

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