



## SARC RADIO NET NUMBERS / CHECK-INS

Weekly HF Dawn Patrol – 33 - For week ending Thur 02NOV2023.

(See report)

Monday – 4 ( )

Tuesday – 5 (with Shane VK2HAZ decoding \_ See report)

Wednesday – 7 ( )

Thursday (See report)

- 4 - 2m Parrots Nest

- 4 - 2m Woodburn

- 4 - 2m Mallanganee

Friday 80m (After Dark Net) – 11 (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

### WAE RTTY CONTEST

NOV 11<sup>th</sup> 0000 UTC - 12<sup>th</sup> 2359 UTC

### JIDX SSB CONTEST

NOV 11<sup>th</sup> 0700 UTC - 12<sup>th</sup> 1300 UTC

### GOLD COAST HAMFEST

NOV 12<sup>th</sup> Open to public 8:30AM

### COMMITTEE MEETING

NOV 12<sup>th</sup> 1300 hrs

### SPRING VHF UHF FIELD DAY

NOV 25<sup>th</sup> 0100 UTC - 26<sup>th</sup> 0059 UTC  
(0400 – 0359 in VK6)

### CQ WW CW CONTEST

NOV 25<sup>th</sup> 0000 UTC - 26<sup>th</sup> 2359 UTC

## Tuesday - Net Report

## DIGITAL MODES

- Paul VK2AMT

TUESDAY 31 OCTOBER, 2023

For this week's Diginet, Paul VK2AMT as VK2SRC was joined by Brian VK2MBJ, Duncan VK2DLR, Dave VK2ZDR and Jeff VK2WSR, still using his 3 lettered callsign rather than the new one of VK2NU. We heard later that Shane VK2HAZ was decoding us also.

fldigi ver4.1.27.08 - VK2SRC

File Op Mode Configure View Logbook Help

0.000 Freq 1500 On Off 1014 In 599 Out 599 Cnty/Cntry Notes

USB Call Op Az St Pr L

Ah.. That's great about Andrew XL...  
Yes it's probably about we checked on how Ross is getting and any news from that direction...  
I've lined up a couple of weeks in January when the tenants at the farm house will be away...  
A good time to spend a couple of days dragging the tower out from under the house and transporting it to SARC..  
Jeff should be back by now... The pass is over..

Over to VK2ZDR es gp de VK2DLR k1j6ARv□N  
Before RSID: <<2023-10-31T10:13Z OL 8-500 @ 1500>>

6yW  
VK2DLR de grp VK2ZDR  
ARG, that hidden 'little' tower there Duncan...hahahahaha  
We should have done that in Winter...(nice one Dave, bring that up NOW...!!!) :)  
I nearly running out of things...thinking of the Dishes...

.....That tower sounds like it's too good to just leave there.  
No room here for those thingies!!  
Just wondering how you  
would transport something like that

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

WF 0 66 x1 NORM 1500 QSY Store Lk T/R

OLVIA-8/500 s/n: 17.6 dB f/o +0.0 Hz -11.0 AFC SQL

We gathered at our normal frequency of 3.590 USB, using Fldigi and Olivia 8-500. Noise at my QTH was about S3. Duncan was S6 and +17 S/N. Dave's signal was about the same and Jeff was S4 and -6 to +2. All these signals dropped in strength by about 1 S point over the next 15 minutes or so. Decoding stayed at 100%. Jeff left for about 15 minutes to switch frequency for the ISS SSTV transmissions. Jeff had one over that did a deep fade for a couple of lost words then came back up.

There was a fair bit of discussion about the passes by the ISS in recent days and the SSTV images that we had obtained. We were all impressed by Andrew VK2XI's set of 12 ISS images. Another topic was the odd looking Quadrifilar Helix antennas, mentioned by Duncan, looking like egg beaters.

Another very good net with the excellent discussion that we have on the Diginet. Thanks to all who took part. SSTV is planned for the net next week.

– Cheers from VK2AMT (as VK2SRC).

## Friday After Dark Net Report

- Andrew VK2XI

A good roll out for the After Dark Net. VK2WSR, VK2YHP, VK2ZDR, VK2UMA, VK2MBJ, VK4TSA, VK4IO aka VK4BT, VK4LEW, VK2CVD, VK2TTL and VK2XI as VK2SRC. Apology received from VK4FABG.

Frequent electrical crashes were present but no major receive issues reported. We discussed many topics including the ISS's SSTV transmissions and the expected weather approaching the Northern Rivers, the net closed at 8:45.

Thanks to all who joined in and those that listened in.

- Cheers. Andrew VK2XI

## The International Space Station transmitted SSTV images -Andrew VK2XI

I have quite some success receiving SSTV from the ISS recently and was asked to put a little piece together for the news letter. I have attached a PDF file to include with my words.

The International Space Station transmitted SSTV images from 27th Oct until the 1st Nov as part of the "About Gagarin from Space" experiment. Images were downlinked by the ISS on 145.800 MHz FM in PD120 format. Each image has a resolution of 640 x 496 and a transmission time of 126 seconds, there were 12 images in this series that were transmitted sequentially over the test period with approximately 80 seconds between the images. Receiving all of the images was a test of patience mixed in with a good deal of luck. I found that the best results were not as I originally thought when the ISS pass was directly overhead but when it was at about 30deg to the horizon, I suspect this is factor of the radiation gain pattern of the receive antenna. I was fortunate to succeed in receiving all 12 of the images, there were many double ups and poor quality images in with some excellent results. I have collated the best of each of the 12 images below. I look forward to the next event but as yet no date has been released.

– Cheers \_ Andrew VK2XI



For a larger PDF Version: <https://drive.google.com/file/d/133f6fQ5UHQBck5opUnRRuTDATIOR5CX/view?usp=sharing>



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



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



Forecast for East Lismore

	Tue. 7 Nov	Wed. 8 Nov	Thu. 9 Nov	Fri. 10 Nov	Sat. 11 Nov	Sun. 12 Nov
Max (°C)	24	25	26	26	27	29
Min (°C)	12	12	11	13	14	14
Chance of rain (%)	40	10	10	20	20	10
Rainfall range (mm)	0 to 1	0	0	0	0	0

When someone first  
sees my shack:





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



Answer: <https://drive.google.com/file/d/1qVnDBsy90rc5WUJLWUmxv84lgBwZsFda/view?usp=sharing>

**This dog is trained to sniff  
out hams that are on FB  
and not on the air.**



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