



SARC-NEWS



NET CHECK-INS:

Wia National News - n/a

Dawn Patrol – 46 check-ins for the week ending 19 January 2018.

Sarc Digi Net – 7 (see full “Digi Modes” report below)

Wicen Net – 10 - 80m & 40m for local digital.

Wednesday Tech Net - 7 - 80m by day.

Thursday 6Mtr Net – 6 - icy roads & weather in general.

Friday Night Net – 9 - HF bands & the VHF/UHF Field Day.

Lunch Day - 7 - Names and places.

More things to do:

Coffee morning:

1000 on the 1st Wednesday of the month

Rous Hotel (cnr) Keen/Zadoc St. Lismore

Lunch day:

1200 on the 3rd Wednesday of the month

Ying's Chinese & Thai Restaurant
142 Keen St. Lismore

For all 'net' times & frequencies please check out the sarc website:
www.sarc.org.au/nets-broadcasts/

Top Article in AR Magazine:

Check out the latest edition of AR magazine. Our very own Chris VK2ACD has had his article on the ZS6BKW antenna published. It's a great read and includes construction photos and extensive test results. Once again SARC or a SARC member appears in a prominent position. This time with Chris's article as one of the key points referenced on the cover of AR.

2018 Membership subs are due Now

The rate is \$40 for membership in 2018 and if you join part way through the year, the payment is pro-rata. If you live more than 100Km from Lismore, you qualify as a DX member at half the normal rate. Download a form for renewal/new membership [here](#).

For full details of how to pay subs, go to [here](#). The preferred method of payment is by direct bank transfer to the club's Summerland Credit Union account.

To receive the SARC weekly Newsletter you DO NOT have to be a member, it's available to all. Simply send your email address to sarcnews@gmail.com with <please subscribe me> in the subject line.

[Parrots Nest Repeater Site \(clean up\)](#)

On Friday, FMAN Brian, DLR Duncan & that Dave ZDR guy ended up at Parrots Nest with all sorts of mixed GRASS SLASHING/HACKING devices. hihi

Attached is the Before then After photos from Parrots Nest.

Cheers

ZDR Dave



[WEBSDR "ONLINE"](#)

The WEBSDR system is up 'n' running at the clubrooms. It was overhauled today by Rob ARL & made sure it is running nicely & closer to Frequency.

Click on the link to go directly to the websdr site & look for 'sarc' Logo or see us on the Map at the very bottom of this page.

<http://www.websdr.org/>

[DIGITAL MODES:](#)

On Monday night at 8pm joining Paul VK2PMG for the weekly digi net were Duncan VK2DLR, Chris VK2ACD, Rob VK2ARL and Kris VK2MRN. After a chat with Leith VK2EA and John Vk2JWA we moved to an HF freq. (which I now cannot remember!!) and tried some contacts on Thor 16.

All signals were well received and we lowered power levels down to 2 to 10 watts and still continued to make good error free QSO's between us.

Rob VK2ARL will be running the net in Paul's absence on Monday night and if conditions are suitable we might continue with some SSTV on HF to see how it goes.

Anyone is welcome to join the SARC DigiNet at 8pm EST on the Lismore 2m repeater, beginners welcome as we are all learning.

Rob VK2ARL

[about Digital Modes \(wia.org.au\)](#)

Digital Modes for Image Communication

Digital modes have been used for many years for image transmission. The first method used was Facsimile (FAX) which used a mechanism with a rotating drum to scan an image and convert it to a series of audio tones representing the black, white and grey elements of the picture. At the receiving station, a similar machine would use a stylus to burn the image onto a sheet of sensitised paper.

As with other digital modes, the use of mechanical scanners and printers has been replaced by computerised image generation and decoding.

Image transmission became popular in the amateur world back in the 1970s, with the invention of slow-scan television (SSTV). The earliest SSTV systems used video cameras, modified to produce the slow scanning rates that were required to allow pictures to be transmitted within the narrow bandwidth occupied by an SSB transmission. Modern SSTV systems use computer techniques to allow the transmission of full colour images from video cameras, webcams, or digital cameras. As with RTTY and packet, SSTV stations use computer sound cards to generate and decode the audio data that is fed to and from the transceiver.

There is also a long tradition, going back to the 1930s, of amateur fast-scan television activity. The earliest TV transmissions in Australia were made by amateurs, and the mode is still popular today. ATV systems use the same technical standards as broadcast television, so amateur ATV signals can be received on any TV set that is able to tune to their frequencies.

The most recent development in ATV is the use of digital transmission systems such as DVB-T, which is the same system used by broadcast TV stations. As with analog ATV, there are a number of digital set-top boxes on the market that can tune to the frequencies used for ATV.

*More information: <http://www.wia.org.au/members/digital/about/>

Clarence Valley: New 70cm repeater

The Clarence Valley Amateur Radio Group have a new 70cm at Mt Lofty (540m ASL), south west of Grafton near Nymboida 439.850MHz -5.0MHz with 123.0Hz access tone. Give it a try sometime.

Graeme VK2QJ

COMING UP soon in 2018:

WICEN NR Meeting and Training February 11 @ 10:00 am - 12:00 pm

AGM + Committee Meeting February 11 @ 1:00 pm - 2:00 pm

NOMINATIONS OPEN FOR 2018 COMMITTEE

Nominations are open for positions on the 2018 club committee. For details, download the AGM notice here – [SARC AGM 2018](#)

What's On	
For the full year's calendar visit http://sarc.org.au/	
This Month	Next Month
January 2018 All January 01-31 Ross Hull Contest Mon_01 New Year's Day Sat/Sun 06/07 Sat/Sun 06/07 Evans Head Fly-in Sat/Sun 13/14 Summer V/UHF field day Sun 14 Committee Meeting 1400 Sat/Sun 20/21 Fri 26 Australia Day (AX Prefix) Sat/Sun 27/28	February 2018 Sat/Sun 03/04 Sat/Sun 10/11 Sun 11 Wicen 1000 Sun 11 SARC AGM 1300 Sun 11 Committee Meeting 1400 Sat/Sun 17/18 Sat/Sun 24/25 Sun 25 Wyong Field Day

Some web sites are hard to find:

We hear from time to time that 'certain' websites are hard to find, unless you Google them. (short cuts are cool)

SO, below is the ACMA database 'link' & the QRZ Callsign Database.

https://web.acma.gov.au/rrl/register_search.main_page

<https://www.qrz.com/>

To unsubscribe:

Please reply to sarcnews@gmail.com

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