



Sarc Radio Net numbers/check ins:

HF Dawn Patrol – 51 for the week ending 15th Feb 2019

Sarc Digi Net – full “*Digital Modes Report*” below

Wicen Net – 7 - Heat

Wed Tech Net – 7 - Repeaters

Thursday Night Net – 7 - Radio features

Friday Night Net – 4

UPCOMING EVENTS

COMMITTEE MEETING

March 10 @ 1:00 pm - 4:00 pm

JOHN MOYLE FIELD DAY CONTEST

March 16 @ 12:00 pm - March 17 @ 12:00
pm

News Items:

Bill visits SARC

Old hands may remember Bill, formally VK2KDI. Bill visited the club today to donate some amateur radio bits and pieces.

Here's a photo of Bill with a magnificent home built model railroad engine. That's another of Bill's hobbies. Good to catch up with you Bill.



WHAT'S ON AT SARC?

Download the 2019 Calendar (thanks to VK2DLR) – here: [SARC Calendar 2019](#)

WANT TO JOIN SARC or renew your membership?

***** Membership subs were due January 1, 2019*****

The rate is \$40 for membership in 2019 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 a discounted rate. Download a form for renewal/new membership here – [Membership + Information 2019](#)

DIGITAL MODES:

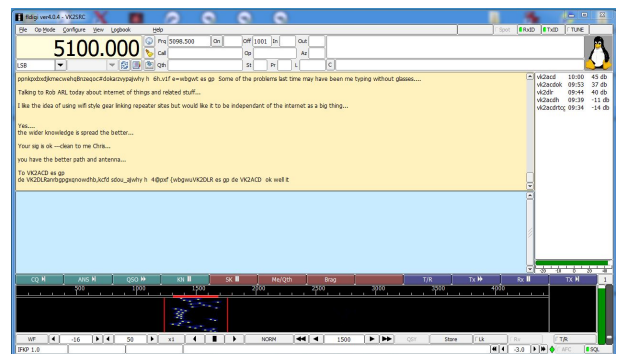
Monday 11 FEBRUARY 2019

This week we had Leith VK2EA, Duncan VK2DLR, Steve VK2SLM, Chris VK2ACD and Rob VK2ELH mobile on his way home., good to hear Rob calling in. We had our usual two rounds, to enable everyone who was not transmitting digitally to have an over and cheerio call. Duncan and Chris and I then went to the frequency of 147.850 FM and used Fl-Digi. The modem chosen in Fl-Digi was IFKP 1.0, changing to IFKP 2.0 later in the net.

This mode was chosen basically because we hadn't tried it before. It proved to be an astonishingly good one. Its decoding capabilities were excellent. To prove that we all went down to 1-5 watts of power output, and it still worked with 100% decode. It is not fast, about the same as Olivia 8-500 but slow transmission times are a definite advantage. The modem has three speeds, 0.5, 1.0, 2.0. All three speeds will allow for the transmission of images in five different sizes, grey or colour. We started with 1.0 and changed to the faster 2.0 for the images. These images worked much better than the other Fl-Digi modems we have tried before. There was a certain amount of image resizing that was not proportional. Further experiments will be needed to investigate this.

We were all impressed by the modem's performance with both text and image and its decoding accuracy was exceptionally good. A very enjoyable and interesting net and thanks to everyone who logged in and participated. The net finished at 9.55pm

Cheers from Paul VK2PMG



ISS Photos:

The ISS has been sending out another batch of SSTV images over the weekend. Not that difficult to receive. Just tune to 145.8 MHz FM and use MMSSTV to decode the images. The transmission mode used is PD120 which means it takes 120 seconds to transmit an image. The challenge is to receive an entire image, preferably noise free while the ISS is within range. Here's a couple of images captured locally.



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