



## NET CHECK-INS:

**HF Dawn Patrol** – 47 for the wk ending 25<sup>th</sup> May 2018.

**Sarc Digi Net** – {see full Digi Report below}

**Wicen Net** – 10 - Spring Mountain review

**Wednesday Tech Net** – n/a (tune in next week)

**Thursday Night 70cm Net** – 6 - Travel

**Friday Night Net** – 6

### UPCOMING EVENTS

#### WICEN NR MEETING

June 10 @ 10:00 am - 12:00 pm

#### COMMITTEE MEETING

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

### 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

## General News Items & Updates:

### SUNDAY WORKING BEE (today)

8 workers turned up today to help out bringing the clubrooms up-2-scratch once again.

The ceiling/roof cavity needed some “good old house cleaning”, with FMAN & ZDR getting all filthy-dirty but succeeded in removing some rotten old doors. (white ant ridden from a few years back)

Lots of sorting was also achieved today, this was very over-due indeed. hihi

*Thank-You to all who helped today... :)*

### SARC CALENDAR (coming up soon)

What's On	
For the full year's calendar visit <a href="http://sarc.org.au/">http://sarc.org.au/</a>	
This Month	Next Month
<p><b>June 2018</b></p> <p>Sat/Sun 02/03 Sat/Sun 09/10 Sun 10 Wicen 100 Sun 10 Committee Meeting 1300 Mon 11 Queens Birthday Sat/Sun 16/17 Sat/Sun 23/24 Winter V/UHF field day Sat/Sun 31/--</p>	<p><b>July 2018</b></p> <p>Sat/Sun --/01 Sat/Sun 07/08 Sun 08 Committee Meeting 1300 Sat/Sun 14/15 Sat/Sun 21/22 Sat/Sun 28/29</p>

# DIGI-NET REPORT:

Monday 21 May, 2018

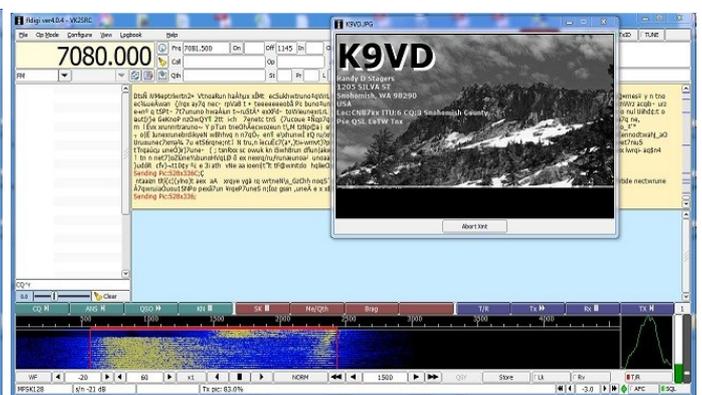
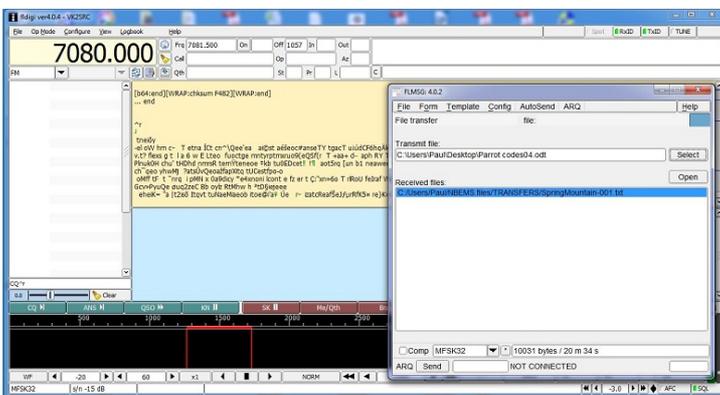
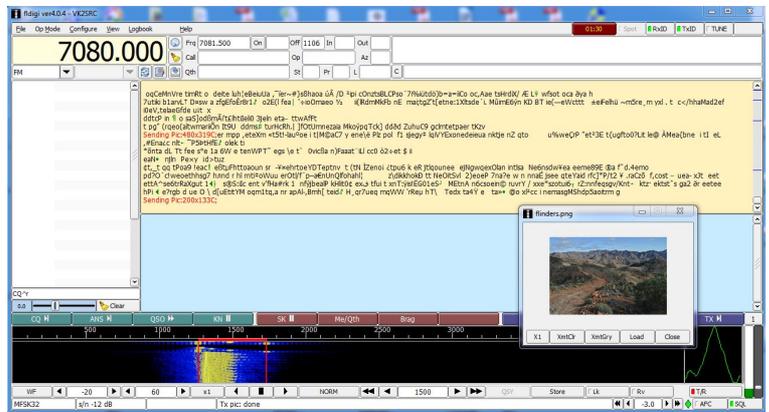
For tonight's net we had VK2PMG/SRC as net control with John VK2JWA, Leith VK2EA and Duncan VK2DLR logging in. The previous weekend's Horse Enduro at Spring Mountain, south of Brisbane had caused a fair bit of fatigue, so it was just Duncan and I transmitting. We used 2 metres SSB, 145.1 again and Fl Digi.

The modem we used was MFSK 32, the same modem used in some of the short wave Radiograms announced by Chris VK2ACD at regular intervals. One advantage of the 2-tone MFSK modem is that it features Forward Error Correction which corrects for transmission errors and also handles Doppler shifts on the transmission path well. Another advantage is that MFSK 16, 32, 64 and 128 allow for the transmission of images. Our first experiment was with Flmsg (FL Message). This allows the operator to transmit a message form in a variety of standard formats. The one we used was the Plaintext form which transmits the message data which is saved and can then we opened up in the correct format. Both of us commented that it was a good, simple substitute for the WICEN message form. The MFSK32 modem handled all that without a problem.

The last experiment was using the wide bandwidth MFSK128. A number of images were transmitted successfully. MFSK allows the operator the choice of colour or black and white for the image transmission. Colour obviously takes longer. We were both impressed by the fact that the images transmitted were not noticeably degraded in quality or distorted by being forced into an image transmission box. The images came through pretty much as the originals. One image in particular, the Nudibrachs, were over 1 megabyte in size and about A4 landscape size. It took 7 minutes to transmit and came through beautifully without any noticeable image degradation. To put it mildly, both of us were hugely impressed by this. Thanks to Duncan for being there after the Spring Mountain Enduro. Thanks to all who logged in.

Cheers from

Paul VK2PMG



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