



Sarc Radio Net numbers/check ins:

Weekly HF Dawn Patrol – 48 for the week ending 18th October

Monday_INFO Net – 7 - News

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

Wed_70cm Net – 9 - Remote radios

Thursday_(ex 6mtr) Net – 6 - Helping each other

Friday Night Net – 4 - Next year



>>>>>News Items<<<<<

Farewell Suzanne

Last Friday we gathered at the Casino Lawn Cemetery to farewell *Suzanne Myers*, wife of *Steve VK2SLM*.

The Amateur Radio world was well represented in person as well as in spirit by those no longer able to attend.

For many of us an enduring memory of Suzanne is that

"Life's not a spectator sport. Just keep going, no matter what."

Our thoughts are with Steve and Family.

DATE CHANGES:

Foundation Course now on 2nd & 3rd of November (Fully booked)

Advanced Course (in lieu of Standard) 4th to 8th November (Fully booked)

also.....

Next **Coffee Morning** will be held at *Cafe Splash* in the *Caroona Retirement Village* in Goonellabah. Due to a clash with the SARC Advance course it will be held a week early on Wednesday 30th October at 10:00.

Coffee mornings are normally held on the 1st Wednesday of every month.

DIGITAL MODES

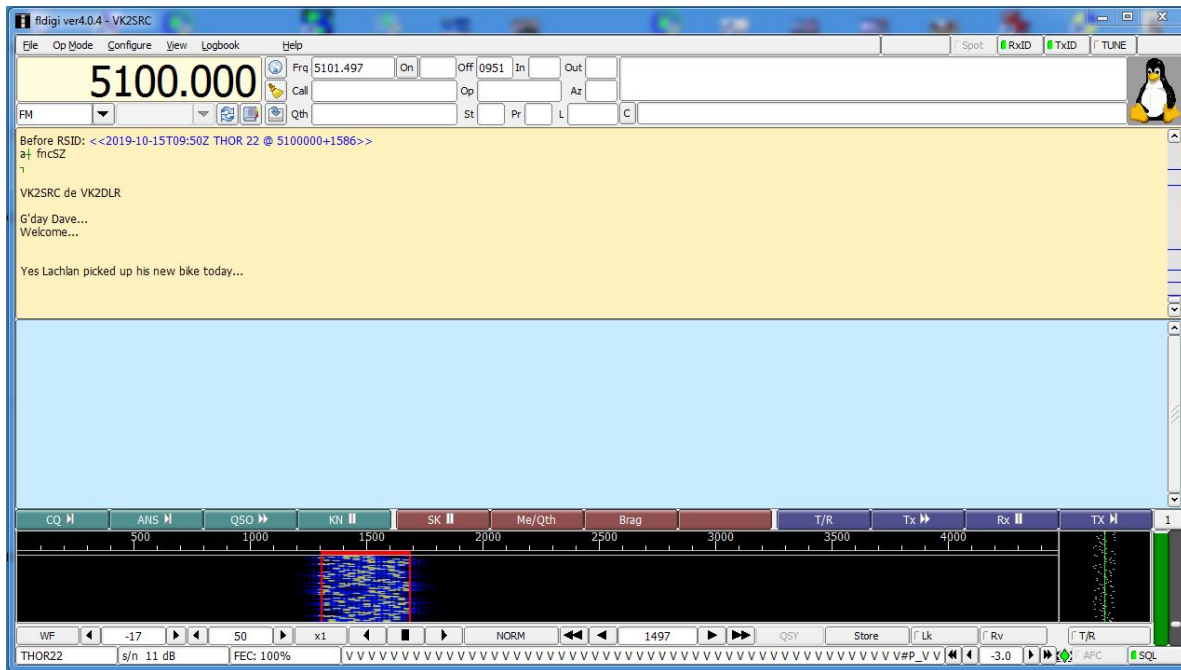
TUESDAY 15 OCTOBER 2019

Another week, another Digi Net. Logging in were *Leith VK2EA, Duncan, VK2DLR, John VK2JWA and Dave VK2ZDR*. As usual, we had the customary round of news and chat. After that we QSY'd to our frequency of 144.230 USB for a night of FI-Digi.

We did our usual tuneup, with me transmitting a tone on the 1500Hz centre frequency of FI-Digi and Duncan and Dave tuned on that. We used Thor 22 again, our favourite mode for sensible speed and ruggedness. Power outputs were dropped to about 10 watts or less and all transmissions were received and decoded 100%, with good signal strength. There were a lot of very interesting comments made during the net, and that is a benefit of these keyboard to keyboard modes. The text can be copied and saved if required. It is obvious that USB on 2 metres is far superior to FM for DX purposes.

After the net was over I heard a day or two later that Kris VK2KWW had left his rig on the frequency, as he could not join the net and received and decoded everything without a problem, very pleasing. A good net once again, thanks to everyone who logged in and participated.

Cheers from Paul VK2PMG



GENERAL INFORMATION:

Lismore 7-day forecast

Sun Oct 20	Mon Oct 21	Tue Oct 22	Wed Oct 23	Thu Oct 24	Fri Oct 25	Sat Oct 26
 Sunny	 Mostly sunny	 Possible shower	 Mostly sunny	 Sunny	 Sunny	 Sunny
24°C	24°C	24°C	27°C	30°C	31°C	35°C
12°C	11°C	10°C	9°C	9°C	11°C	13°C

EDUCATION: FULLY BOOKED.....FULLY BOOKED

Foundation Course now on 2nd & 3rd of November (Fully booked)

Advanced Course (in lieu of Standard) 4th to 8th November (Fully booked)

for more information, please contact Duncan by email vk2src@gmail.com attention:

VK2DLR or phone VK2DLR Duncan 0419 229 370

EXPERIMENTAL REPEATER

Check out repeater frequency **147.150 MHz** (+600 offset, 123 tone). *Rob VK2ELH* is *experimenting* with a 2m repeater at his QTH. There's some de-sensing and it won't be on air 24/7 but check it out. When running in a two antenna (TX & RX) configuration it hits the Alstonville Plateau at S9+20 and can be triggered with 5Watts. A single antenna configuration reduces it to S5 needing 10Watts to trigger.

“Give it a try” ;)

Live VLF Natural Radio

<http://abelian.org/vlf/>

Live SDR of distant VLF radios

INSPIRE VLF-3 RADIO RECEIVER KIT

<http://theinspireproject.org/default.asp?contentID=3>

PCB's and GIMP

Steve VK2ARS points out that there's a great article in the August 2019 copy of QST titled ***“Recreate or modify PCB layouts with open source software”***.

It's a bit difficult for non ARRL members to access the article but check out:

<https://www.instructables.com/id/PCB-Reverse-Engineering-using-GIMP-2/>

The above website contains similar information. Combine that with some of the cheap, low volume PCB production runs available such as:

<https://hackaday.com/2014/04/08/dirt-cheap-dirty-boards-offers-dirt-cheap-pcb-fab/>

and the idea of getting a PCB made to your own design becomes very real.

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