



## **Sarc Radio Net numbers/check ins:**

**Weekly HF Dawn Patrol** – 64 for the week ending 9th October.

**Monday\_INFO Net** – 7 - News

**Tues\_Sarc Digi Net** – full “*Digital Modes Report*” below

**Wed\_70cm Net** – 5 - Travels

**Thursday\_(old 6mtr) Net** – 8 (see report below)

**Friday Night Net** – 7 - Customer service and over servicing

## UPCOMING EVENTS

### COMMITTEE MEETING

November 8 @ 1:00 pm - 4:00 pm

### VHF/UHF FIELD DAY

November 28 @ 12:00 pm - November 29  
@ 12:00 pm

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

### Thursday Night Net (report)

Tonight’s net had some interesting topics. One was Sir Ernest Fisk, an early radio pioneer who started with the Marconi company and later headed up the companies AWA and EMI. Another topic was the various devices to aid soldering and other jobs that require an extra pair of hands. Prompted by my efforts to solder a connector...



### VK2RBB needs site maintenance

The need for site maintenance at our remote repeater sites was discussed at today's committee meeting. Rob VK2ELH and John VK2JWA took a 'slight detour' on the way back to Ballina via the VK2RBB site.

Rob described the grass on top as 'about two and a half feet high'. Fortunately the good work done last year on the approach track means that while the the track is overgrown with grass you're not having to drive through lantarna. We certainly need to spend a good day mowing, brush cutting and spraying before the wet season sets in.

**Duncan, VK2DLR**



## **November exam packs to be ordered next week**

E-mails will be sent out later tonight to prospective course candidates to confirm their intentions. In keeping with AMC rules the exam packs will be ordered in about a weeks time.

There's been a lot of interest in both the Foundation course and the Advanced course. Increased interest in Amateur Radio may be as a result of the Covid-19 restrictions. The restrictions are making it a little harder to run courses but SARC Education is ramping up for a busy November.

**De Duncan VK2DLR**  
**SARC Education.**

## ***DIGITAL Report:***

**TUESDAY 6 OCTOBER, 2020**

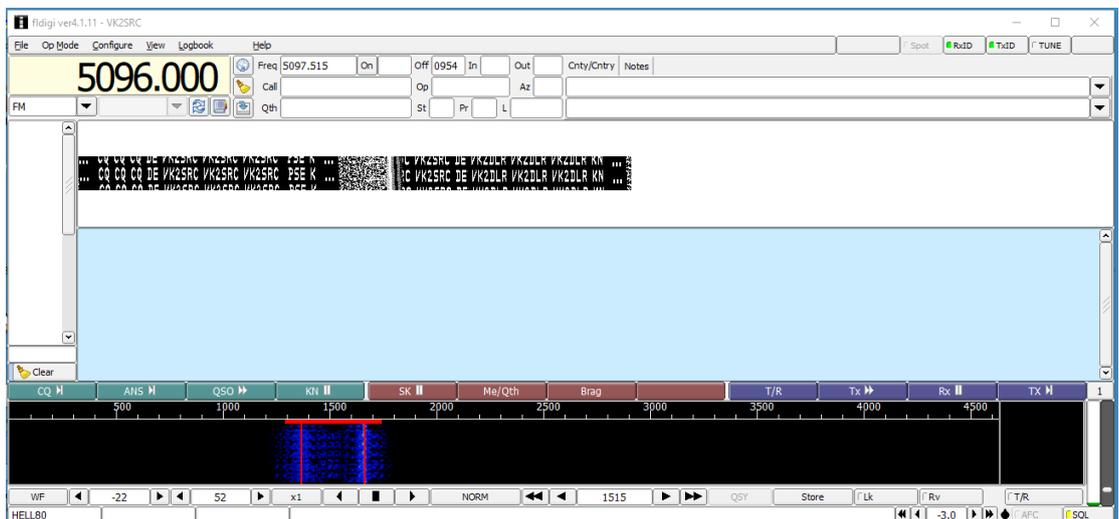
This week *Duncan VK2DLR, John VK2JWA, Barry VK2VBG, Leith VK2EA and Dave VK2ZDR* joined *Paul VK2PMG* for the digi net. Only Duncan was able to participate, so after the normal two rounds of personal news and chat we QSY'd to our normal frequency of 144.230 USB.

The frequency was particularly poor, lots of band noise and Duncan and I were barely S1 to each other. This week we experimented with some of the other modes offered by Fldigi. Starting with Thor 22, we next tried DominoEX 22. This had pretty much all the advantages of Thor 22. Duncan reduced power from 30 watts down to 15 and 5 watts, the only difference was in reduced audio level, the decode remained at 100%. The other modes tried were Hell 80 which produced a fax machine like result. IFKP 1.0 and Contestia 4-125 were quite narrow and slow. Decode was still 100% though 8PSK was machine gun fast but not as robust as the others. RTTY 45 and 75 were also tried. ThrobX 4 was very sensitive to frequency change so not as practical as the others. One standout mode was Thor Micro. This tiny little mode is only 36 Hz wide, the same as PSK31 and very slow but it has 100% forward error correction, no doubt contributing to the slow speed. Olivia has always been regarded as the leader in accurate decoding in noise, up to -16dB, Thor Micro is -18dB. It is probably the closest mode to FT8's performance in the Fldigi suite, narrow bandwidth, slow speed and full error correction.

The final one was the huge Thor 100 which also has that error correction feature but its wide bandwidth transmitted two thirds of a page of text in one minute forty seconds, with not one false or missing character. A fascinating journey into some of the modes offered by Fldigi.

Thanks to Duncan for his support and to everyone who logged in.

***Cheers, Paul PMG***



# Sarc REMINDERS:

## Friday Night Net Controller Wanted

Who wants to have a crack at running the Friday night net? No experience necessary. Just turn up at 8:00 pm on a Friday night, take up the club call sign and call for participants. Run it your way. Pick a theme, run a quiz or whatever you want. You're just there to control the flow. Not available every Friday night? No worries. Just arrange for someone else to stand in when you're absent. Turn up on the Friday night net and give it a go.

## SARC Education preparing for November restart (SEE UPDATED REPORT)

The AMC has announced that they will be releasing guidelines to conduct face to face examinations shortly. That's enough good news for SARC Education to prepare for a Foundation course and an Advanced course in November.

The **Foundation course** will be held on **07&08 November** as listed in the current SARC 2020 calendar.

The **Advanced course** will be held **09 to 13 November**; a week later than listed due to the timing of other events

## AMC "face to face" guidelines (17 June 2020)

AMC AMATEUR RADIO EXAMINATIONS UTAS approval has been received for amateur radio examinations to resume under the face to face model, subject to strict guidelines.

Exam Locations Require a COVID Safe Plan The AMC Amateur Radio Office (AMC AR) will need prior confirmation and evidence that the exam location is COVID Safe and that a COVID Safe Plan is in place prior to the assessor's attendance.

The assessors should adhere to the processes required as a visitor to that workplace.

*We appreciate that this is extra work, however the safety and wellbeing of everyone is important.*

If you have any questions, please contact the AMC AR Manager:

**Martin Crees-Morris** [mrcrees@amc.edu.au](mailto:mrcrees@amc.edu.au)

## 6-Day Lismore Weather (forecast)

Mon Oct 12	Tue Oct 13	Wed Oct 14	Thu Oct 15	Fri Oct 16	Sat Oct 17
					
Mostly sunny	Mostly sunny	Mostly sunny	Mostly sunny	Mostly sunny	Mostly sunny
26°C	25°C	24°C	25°C	28°C	30°C
9°C	10°C	10°C	9°C	8°C	9°C

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