

SARC RADIO NET NUMBERS/CHECK INS

Weekly HF Dawn Patrol – 36 - For week ending Thur 19MAY2022.
Monday – 6
Tuesday – 6
Wednesday – 6
Thursday Net – 6 – 2 metres Woodburn.
 – 4 – 6 metres Parrots Nest.
 – 5 – 70cm Parrots Nest.
Friday 80m Net – 3, including VK6AV/P2 Alan who was in the region.

UPCOMING EVENTS
SUNSHINE COAST HAMFEST
 Sun 29th MAY @ 1000-1400hrs AEST
 See image link below
COMMITTEE MEETING
 Sun 12th JUN @ 1300hrs

SARC nets and times <https://sarc.org.au/nets-broadcasts/>
Upcoming Events <https://sarc.org.au/events/>

Tuesday-Net Report DIGITAL MODES - Paul VK2AMT

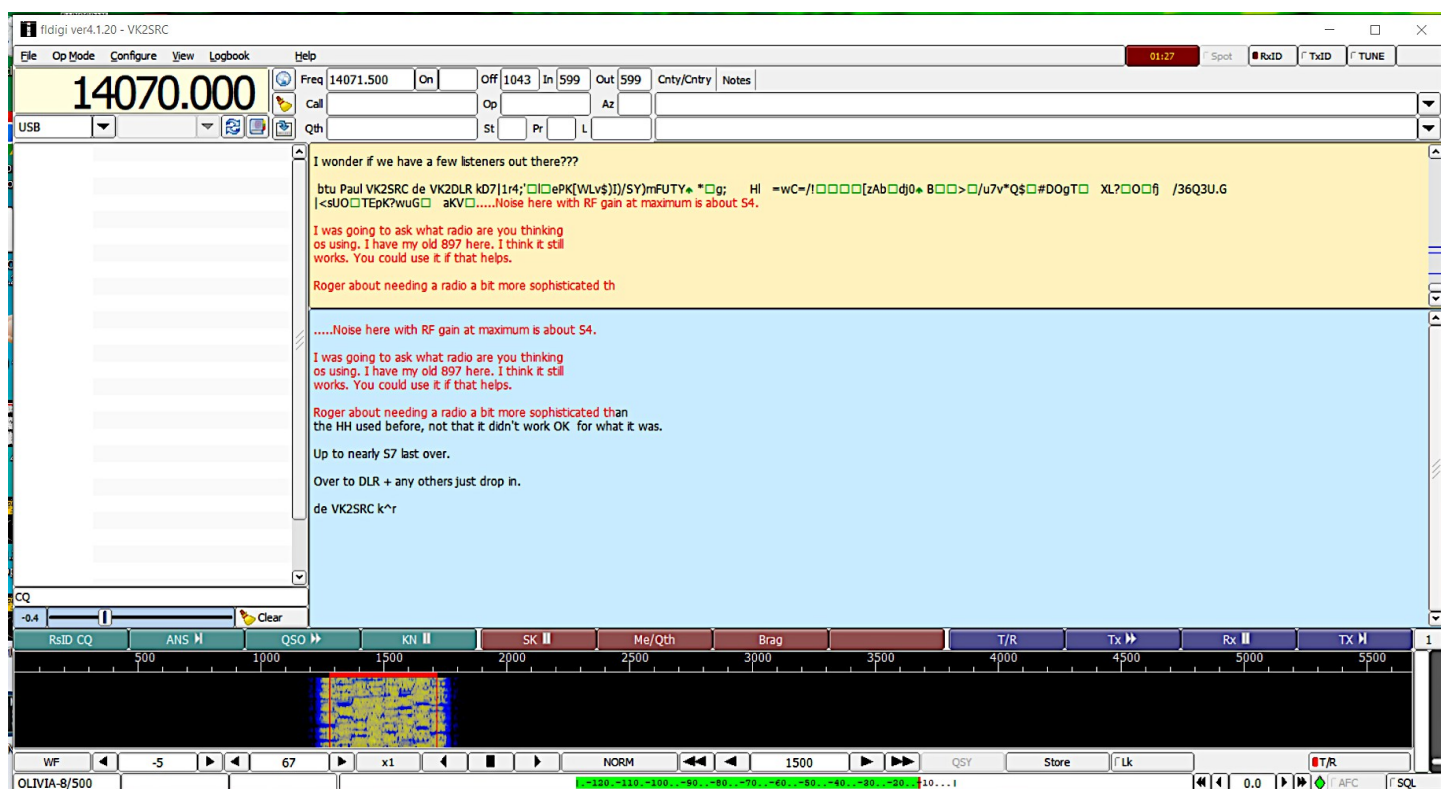
TUESDAY 17 MAY, 2022

This evening, joining Paul VK2AMT as VK2SRC were John VK2ZJJ, Duncan VK2DLR, Chris VK2ACD, Andrew VK2AKK and Dave VK2ZDR. That’s a pretty good rollup. After the normal two rounds of personal news and chat Duncan and I QSD’d to 40 metres, 7.046 USB for another run with Fldigi and Olivia 8-500.

The noise on 40m was much better than last week. Noise was S4 with RF gain at maximum and no noise reduction. It will be worth keeping 80 metres in mind however as an alternative frequency if noise on 40m is excessive. The frequency on 80m last week was 3.590 USB. This band choice can only be gauged on the night.

The audio signals were strong as were the waterfall traces. There were no decoding errors at all. It isn’t always going to be this good. Thanks to Duncan for his support. It is rather frustrating however to have only two of us doing digital modes on the net.

– Cheers from Paul VK2AMT (as VK2SRC)



This week the Australian Maritime College (AMC) informed all their amateur radio exam assessors that:

" In response to the recent ACMA Amateur Radio Update (March 2022) survey results relating to changes to the Advanced Syllabus, please be advised the AMC Amateur Radio Office will be changing to a HAREC compliant Australian Advanced syllabus (attached) effective 15th August 2022.

It should be noted the adoption of the new syllabus will not impact trainers with regards to current training or examination questions.

Changes to the exam bank will be made progressively over the next few months to synchronise the current syllabus with the new HAREC compliant syllabus.

Changes to training programs should incorporate the new Australian (HAREC compliant) syllabus."

Long time SARC educator Duncan VK2DLR greeted the announcement enthusiastically. "It's another step in the long journey to take amateur radio qualifications out of its closed almost cult-like past and into mainstream recognised qualifications. Amateur radio qualifications will never be more than a tiny fraction of employment orientated qualifications. Amateur radio operators will at least get some credit for their qualifications and it opens the door for more cross training between amateur radio and emergency services such as SEC, RFS or Marine Rescue." he said.

What's "HARC" and how can I see a copy? HARC stands for "Harmonised Amateur Radio Certificate" which is the standard for amateur radio qualifications adopted by the European based CEPT or the "European Conference of Postal and Telecommunications Administrations". As at Noon today, The AMC website has no public announcement of this information. Consequently I'm reluctant to make a copy of their version of the new syllabus until it is publicly released.

However; if you download <https://docdb.cept.org/download/e4b9c459-5726/TR61-02.pdf> You'll have a copy of the original CEPT version. In particular look at pages 12 to 21 inclusive and you'll see something remarkably similar. The AMC document does include some additional material including a formula sheet. Their version may be updated before public release as the formula sheet contains a typo and some inconsistencies.

1. ELECTRICAL, ELECTRO-MAGNETIC AND RADIO THEORY
2. COMPONENTS
3. CIRCUITS
4. RECEIVERS
5. TRANSMITTERS
6. ANTENNAS AND TRANSMISSION LINES
7. PROPAGATION
8. MEASUREMENTS
9. INTERFERENCE AND IMMUNITY
10. SAFETY

The new theory syllabus covers the basic ten points and is reasonably close to the current syllabus. SARC Education will be reviewing our course notes and updating the contents of our future courses.

- de Duncan VK2DLR.

Do you own a Yaesu 857d with a 'tiger striped' or 'waterfall' screen..? There is a way to fix this yourself, with a little bit of desoldering knowledge & a bit of spare time.

I bought my new screen through *RadioWorld UK* online; I decided to do this myself: it was easier than I thought, even after watching some YouTube videos, I found they made it look much harder than it

was, some even removed bits that didn't need removing. ie; the VFO knob, no need to even touch this, it has a plug on the rear.

I guess the "hardest" part would be desoldering 4 little pins that are in a small connector on the screen board. (3x White & 1x Yellow wires). *This is NOT the VFO cable, this is fully plug 'n' play.* I used solder wick, which worked well actually. (take note of orientation)

Re-Solder this plug into the new screen board, keeping an eye on the solder joints between each pin...(make note of the yellow wire end when you pulled it out)

Only other little issue was getting the new screen back into the head unit, i found out the top row of buttons needed to be slightly moved (use a small screwdriver) to allow the screen to slide down behind them, then "PRESTO", straight back in the new one went...

Put all the screws back & turned it on, *see attached photo...*

I did this (1st time ever) in under 20mins, you can do this too..



- Dave VK2ZDR (the ZuluDoctoR)

Letter to the Editor

SARC News recently heard from longtime member Peter Cornelius, DL5BCT (ex VK2CPC ex VK2XHR ex DG0BB)

Peter is our most DX of members, and gained permanent membership as the winning prize in a SARC raffle many years ago.

Here's his message, edited for brevity – (thanks to Chris VK2ACD)

Thanks for the continued newsletters, I appreciate the press work as it kind of keeps me up to date, that far away...

This is to give a brief heads-up that I now have a ZS6BKW antenna up in the garden, and it seems to work. Allegedly, that gives me 40, 20, and 10 metres (and a couple of others). I also seem to have found a way to control my local QRM which was a royal pita -- unless my neighbours decided to switch off their broadband transmitter. If that really holds, its amazing what a simple ferrite can do in the right spot.

SARC Facebook Page update

- Peter VK2PAH

Over the last several days the SARC Facebook page has been updated daily by a Billboard image; titled 'The Straight Key'. The Billboard's goal is to lighten up the challenging atmosphere that we all have been enduring for the last few years. With COVID, bushfires, recent floods and continuing rain, has damped many a spirit.

I plan to post, on a near daily basis, these billboard messages of cheer, hope, and on the rare occasion some insight about amateur radio. If you want to be updated, please 'follow' us and give the page a 'like'. Cheers.

<https://www.facebook.com/SummerlandARC>



OTHER INTERESTING BITS Click on image below to open.



6-DAY LISMORE (FORECAST). Click image to open METEYE (2480 for East Lismore).



Forecast for East Lismore

	Tue. 24 May	Wed. 25 May	Thu. 26 May	Fri. 27 May	Sat. 28 May	Sun. 29 May
						
Max (°C)	20	21	20	21	23	22
Min (°C)	14	13	14	14	14	13
Chance of rain (%)	90	90	95	90	30	10
Rainfall range (mm)	3 to 8	3 to 8	15 to 25	6 to 15	0 to 0.4	0



SARC Newsletter Archives: <https://sarc.org.au/weekly-newsletters/>

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