



NOTE: Parrots Nest Repeater Is Back on Air

.SARC RADIO NET NUMBERS/CHECK INS:

Monday_INFO Net – 8 – News.

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

Wed_70cm Net – 8 – Raspberry pi and PC'S

Friday Night Net – 4 – A quiet New Year day.

.NEW SARC CALENDAR.

It's a new year and the 2021 SARC Calendar has been released. Look for it soon on the SARC website. <https://sarc.org.au/>

The calendar is usually updated a few times most years. 2021 is likely to see a lot of updating. The latest edition will always be on the club website.

UPCOMING EVENTS

Committee Meeting
January 10, 2021 @ 1300

Summer VHF/UHF Field Day
January 16 & 17, 2021

Australia Day
January 26, 2021 _ AX prefix

AGM & Committee Meeting
February 14, 2021 @ 1300

.Here's a SOTA activator. . .

that uses a really, really small transceiver. Search the internet and e-bay for "Pixie CW 40 M transceiver kit". It's a crystal locked micro power CW transmitter AND receiver kit for under \$10 Australian.

Check out <https://youtu.be/6rKpxAWZ7uM>
Or click on the image.

From Kris VK2KWW:



6-DAY LISMORE WEATHER (FORECAST)

	Mon Jan 4	Tue Jan 5	Wed Jan 6	Thu Jan 7	Fri Jan 8	Sat Jan 9
Summary	Possible shower	Possible thunderstorm	Possible thunderstorm	Showers	Possible shower	Possible shower
Maximum	29°C	32°C	28°C	24°C	25°C	26°C
Minimum	18°C	20°C	20°C	18°C	16°C	15°C
Chance of Rain	60%	70%	80%	80%	90%	60%
Rain Amount	1-5mm	1-5mm	20-40mm	20-40mm	1-5mm	1-5mm
UV Index	Extreme	Extreme	Extreme			
Frost Risk	Nil	Nil	Nil	Nil	Nil	Nil



.DIGITAL Report:

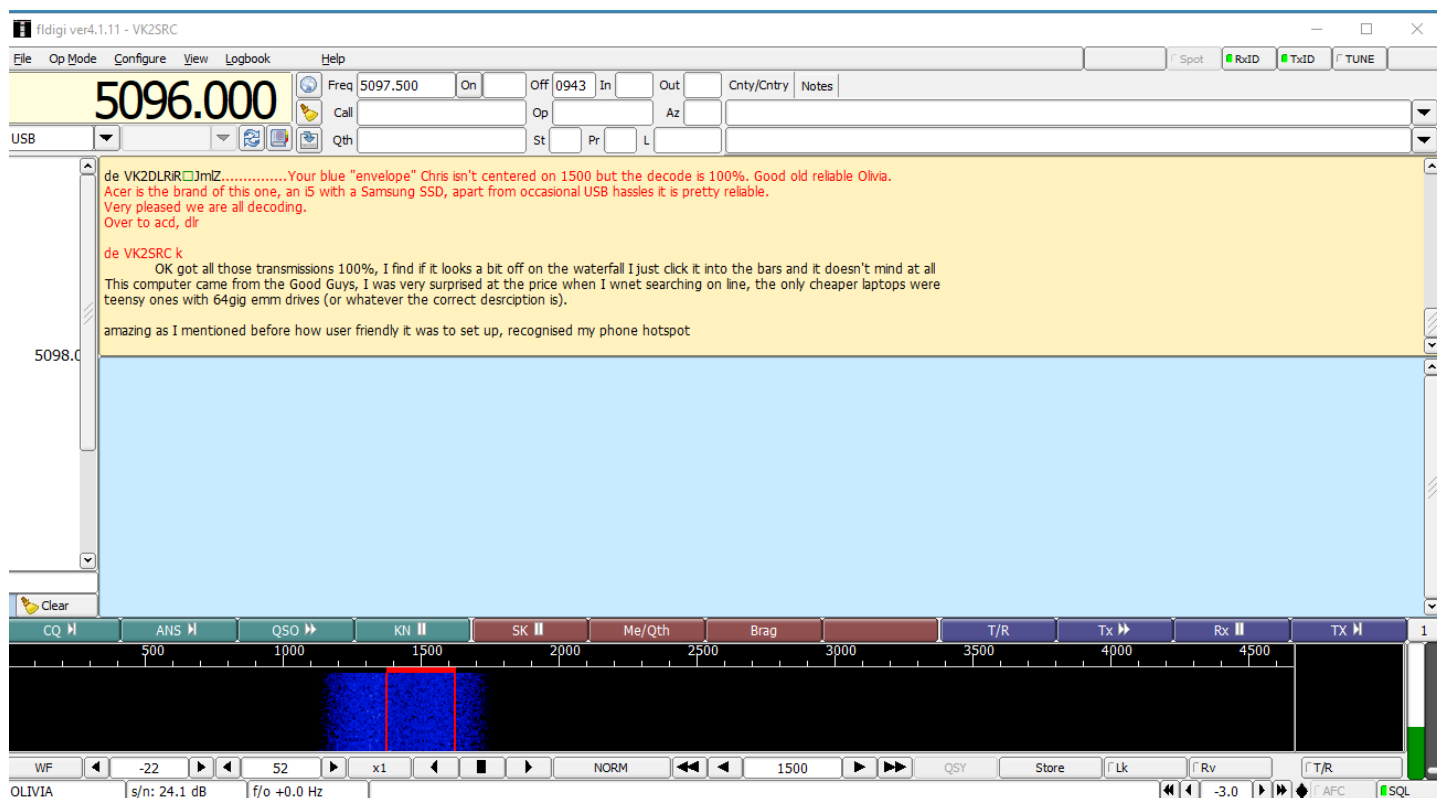
DIGITAL MODES
TUESDAY DECEMBER 29, 2020

Joining Paul VK2AMT as VK2SRC were Leith VK2EA, Chris VK2ACD, Duncan VK2DLR and John VK2JWA. As usual, we had our two rounds of chat and news before Chris and Duncan joined me on 144.230 USB for another session with Fldigi.

Chris had replaced his old laptop with a new Acer, devoted to amateur radio purposes. I am a strong believer in having a computer for that purpose. The computer doesn't have to be ultra powerful to handle the digital modes, a basic one will do. We used Fldigi's Olivia Custom mode where you can choose the number of tones used and the bandwidth. If you are brave you can also experiment with tone spacing, although we didn't try that as it can affect decoding. Olivia has the reputation of being the closest mode in Fldigi to matching FT8 and JS8's performance. Its abilities in noisy conditions is truly excellent. In spite of only using two tones, this combination of 2 tones and 500Hz proved to be a quite speedy combination. Normally Olivia is pretty slow. There were no problems with decode either.

Duncan was S6 and Chris S7 after he swung the beam around. A very good net finished at around 10.20pm. Thanks to both Chris and Duncan for their support and to everyone who has participated throughout the year.

Cheers from Paul VK2AMT



The screenshot shows the Fldigi software interface. The window title is "fldigi ver4.1.11 - VK2SRC". The main display shows a frequency of 5096.000 and a USB mode. The chat window contains text from VK2DLR and VK2SRC discussing the performance of an Acer laptop. The waterfall display at the bottom shows a signal at 1500 Hz.

de VK2DLR JmLZ.....Your blue "envelope" Chris isn't centered on 1500 but the decode is 100%. Good old reliable Olivia. Acer is the brand of this one, an i5 with a Samsung SSD, apart from occasional USB hassles it is pretty reliable. Very pleased we are all decoding. Over to acd, dr

de VK2SRC k
OK got all those transmissions 100%, I find if it looks a bit off on the waterfall I just click it into the bars and it doesn't mind at all This computer came from the Good Guys, I was very surprised at the price when I wnet searching on line, the only cheaper laptops were teeny ones with 64gig emm drives (or whatever the correct description is).
amazing as I mentioned before how user friendly it was to set up, recognised my phone hotspot

.2021 Membership Subscription Due.

Visit <https://sarc.org.au/membership/> for full details on how to renew your subscription.

.OTHER INTERESTING BITS. Click on the images to open.



.20 NEW YEAR'S RESOLUTION IDEAS.

This year I will . . .

1. Recruit at least one person into the hobby, especially younger folk.
2. Encourage someone to upgrade their license, or even help them along the way.
3. Since most kids can't afford a radio. . . Project together to revamp an old radio and get them on the air once they obtain a license.
4. Show someone how to build an antenna, set it up, and have it working.
5. Learn, or relearn Morse code.
6. Try a new mode.
7. Fix that antenna, or whatever remains dormant.
8. Be more radio active to keep amateur radio alive.
9. Finish building my radio shack.
10. Tidy up my radio shack.
11. Rebuild, or renovate, my workbench.
12. Design and build a new field antenna.
13. Program my radio.
14. Get the required safety tools and equipment.
15. Learn more about, and use, digital modes.
16. Get more involved with SARC.
17. Visit the SARC clubroom more often, and meet new club members.
18. Learn how to program a Raspberry Pi mini-computer and/or an Arduino micro-controller.
19. Build an electronic kit for my radio shack.
20. Be prepared for emergencies.



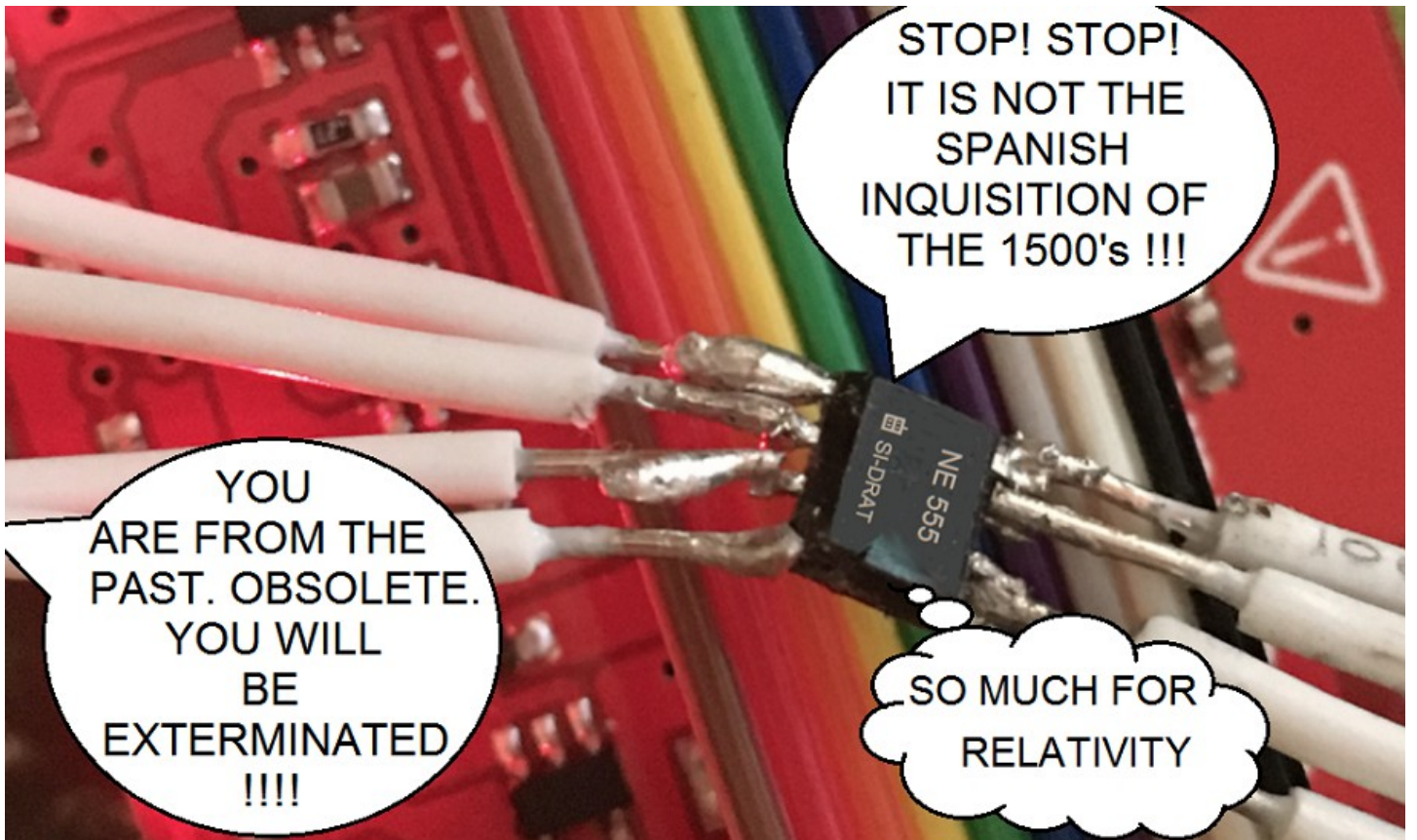
"I made a list of New Year's resolutions for each of us. Here's yours."

.THIS WEEK'S PUZZLE.

Last week's puzzle solution: A STIFF DRINK

Have a go at deciphering this message. A tracking box is provided. The letter 'S' is shown.

The puzzle consists of three rows of symbols. The first row has 12 symbols, with 'S' markers under the 6th and 8th symbols. The second row has 12 symbols, with 'S' markers under the 8th and 10th symbols. The third row has 12 symbols, with an 'S' marker under the 10th symbol. Below these is a tracking box containing 12 symbols, with an 'S' marker under the 5th symbol.



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