



# SARCNEWS 2021:06:28

## SARC RADIO NET NUMBERS/CHECK INS

Weekly HF Dawn Patrol – 79 - for the week ending 25JUN2021.

Monday – 5 - Field Day & Lighthouse weekend chat.

Tues\_Digi Net – 7 – See report below.

Wednesday – 3 - R6800 performance.

Thursday Net – 6

Friday Net – 5 - good signals all around tonight.

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

## UPCOMING EVENTS 2021

### Committee Meeting

Jul 11 @ 1300 hrs

### General Meeting +

Aug 8 @ 1300 – 1400hrs

### Committee Meeting

Aug 8 @ 1400 – 1600 hrs

### Remembrance Day Contest

Aug 14 @ 1300 hrs to Aug 15

@ 1300 hrs (see link below)

<https://www.wia.org.au/members/contests/rdcontest/>

## Tuesday-Net Report

## DIGITAL MODES

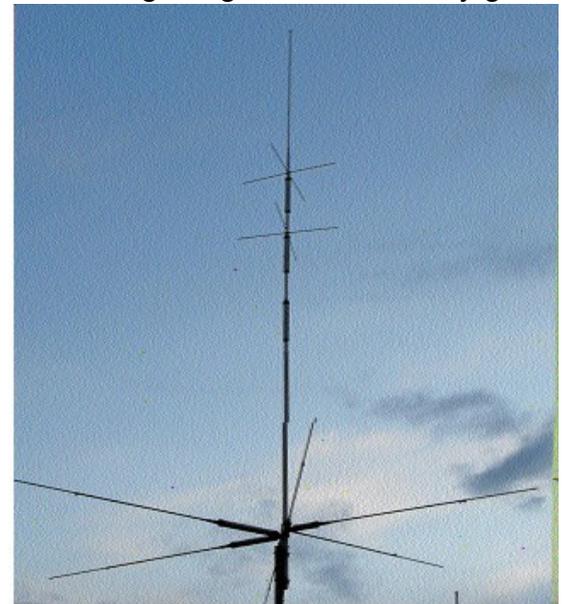
- Paul VK2AMT

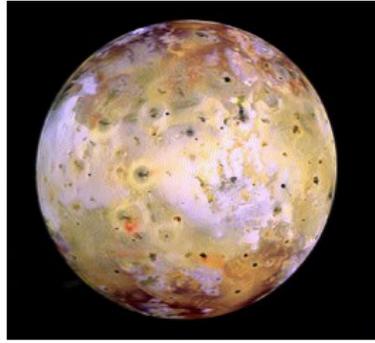
Here's another one with more fine images courtesy of Fldigi's MFSK64.

This evening we had Duncan VK2DLR, Barry VK2VBG, Chris VK2ACD, John VK2JWA and Dave VK2ZDR. Shane VK2HAZ was also decoding during the evening. We had our normal two rounds of chat before Duncan, Chris and Dave joined me on 144.230 USB.

I didn't take any convincing to have another session with Fldigi's best image transmission mode, MFSK64. It really is extraordinarily good at encoding and decoding images that are really good quality. The only thing you would have to watch is image size and transmission time. I chose a couple of astronomical images that contained lots of delicate fine detail and MFSK did a great job with the fine detail and colour. The comment on last week's net that this mode produced the best images we have seen recently was repeated.

An excellent net with everyone being very impressed with MFSK 64. It also does a fine job with text, it just whizzes by. Olivia 8-500 would probably still be the best at encoding and decoding text with heavy noise, but MFSK is just excellent. The net finished at about 10.30. Thanks to Duncan, Chris and Dave for sharing their time and skills. Thanks also to all who logged in and participated.





**From the latest CASA newsletter - Chris VK2ACD**

Pilots are being asked to have their say on a proposal for a separate common traffic advisory frequency for Lismore and Casino in NSW or the establishment of a separate broadcast area. The aim is to reduce frequency congestion around Ballina, Lismore, Casino and Evans Head aerodromes. These locations currently share the frequency 124.2 MHz.

The aerodromes have a large mix of traffic and over the last decade have become busier. Changes have already been made in the Ballina area to create a broadcast area to ensure radio calls are being made to help other flights with traffic awareness. Civil Aviation Safety Authority (CASA)'s Office of Airspace Regulation has visited the Ballina area on numerous occasions and has conducted extensive consultation with stakeholders. Pilots have consistently raised concerns about radio congestion in the area as a result of the shared radio frequency.

For more ....



**6-DAY LISMORE WEATHER (FORECAST)**

4-CAST	Tue Jun 29		Wed Jun 30		Thu Jul 1		Fri Jul 2		Sat Jul 3		Sun Jul 4	
		Summary										
Showers		Showers		Showers		Possible shower		Possible shower		Mostly sunny		
Maximum 19°C		Maximum 20°C		Maximum 19°C		Maximum 20°C		Maximum 20°C		Maximum 19°C		
Minimum 8°C		Minimum 9°C		Minimum 9°C		Minimum 9°C		Minimum 8°C		Minimum 8°C		
Chance of Rain 70%		Chance of Rain 60%		Chance of Rain 50%		Chance of Rain 70%		Chance of Rain 50%		Chance of Rain 50%		
Rain Amount 1-5mm		Rain Amount 1-5mm		Rain Amount 1-5mm		Rain Amount 1-5mm		Rain Amount < 1mm		Rain Amount < 1mm		
Wind Speed 11 km/h		Wind Speed 8 km/h		Wind Speed 6 km/h		Wind Speed 5 km/h		Wind Speed 6 km/h		Wind Speed 10 km/h		
Wind Direction SW		Wind Direction SW		Wind Direction WSW		Wind Direction E		Wind Direction NW		Wind Direction S		

**OTHER INTERESTING BITS** Click on (2) images below to open.





# THIS WEEK'S FUN PAGE

FILL IN THE MISSING WORDS to find the DESCRIPTION

(1) A \_\_\_\_ that \_\_\_\_ radio \_\_\_\_ into \_\_\_\_ we can hear or see.

Missing words: [waves](#), [device](#), [signals](#), [converts](#)

What does this text described? \_\_\_\_\_ [8 letters]

(2) A system of material boundaries capable of \_\_\_\_ electromagnetic \_\_\_\_\_. Especially, a \_\_\_\_ line consisting of a \_\_\_\_ conducting \_\_\_\_ within which electromagnetic waves may be \_\_\_\_; or a solid \_\_\_\_ or dielectric-filled \_\_\_\_ for the same purpose.

Missing words: [conductor](#), [propagated](#), [guiding](#), [dielectric](#), [tube](#), [waves](#), [transmission](#), [hollow](#).

What does this text described? \_\_\_\_\_ [9]

(3) A \_\_\_\_ used to \_\_\_\_ the input or \_\_\_\_ of a \_\_\_\_ element to a \_\_\_\_ voltage.

Missing words: [output](#), [resistor](#), [connect](#), [supply](#), [logic](#).

What does this text described? \_\_\_\_\_ [4-3,8]

(4) A \_\_\_\_ chosen to \_\_\_\_ the human memory. The \_\_\_\_ name used to \_\_\_\_ instructions, registers and memory \_\_\_\_.

Missing words: [represent](#), [symbol](#), [locations](#), [assist](#), [symbolic](#).

What does this text described? \_\_\_\_\_ [8]

(5) The \_\_\_\_ on which \_\_\_\_ signals \_\_\_\_ from a \_\_\_\_ for reception by \_\_\_\_ on \_\_\_\_.

Missing words: [Earth](#), [radio](#), [satellite](#), [frequency](#), [originate](#), [stations](#).

What does this text described? \_\_\_\_\_ [8]

(6) A system consisting of at least one \_\_\_\_, one \_\_\_\_, and a \_\_\_\_, which receives a \_\_\_\_ on \_\_\_\_ frequency and \_\_\_\_ it on \_\_\_\_ frequency.

Missing words: [signal](#), [transmitter](#), [retransmits](#), [receiver](#), [another](#), [controller](#), [one](#).

What does this text described? \_\_\_\_\_ [8]

(7) The \_\_\_\_ in a receiver in which the \_\_\_\_ is \_\_\_\_ from the \_\_\_\_ signal.

Missing words: [recovered](#), [stage](#), [RF](#), [modulation](#).

What does this text described? \_\_\_\_\_ [7]

(8) The \_\_\_\_ of a \_\_\_\_ to \_\_\_\_ \_\_\_\_ closely \_\_\_\_ signals.

Missing words: [ability](#), [two](#), [receiver](#), [spaced](#), [separate](#).

What does this text described? \_\_\_\_\_ [11]

(9) The \_\_\_\_ of \_\_\_\_ an RF \_\_\_\_ in some way to \_\_\_\_ an information \_\_\_\_ to be \_\_\_\_.

Missing words: [add](#), [transmitted](#), [process](#), [carrier](#), [signal](#), [varying](#).

What does this text described? \_\_\_\_\_ [10]

(10) A \_\_\_\_ that allows a dual-band \_\_\_\_ to use a \_\_\_\_ dual-band \_\_\_\_.

Missing words: [radio](#), [device](#), [antenna](#), [single](#).

What does this text described? \_\_\_\_\_ [8]

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

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