



## Sarc Radio Net numbers/check ins:

**Weekly HF Dawn Patrol** – 64 for the week ending 7th August.

**Monday\_INFO Net** – 9 - News

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

**Wed\_70cm Net** – 11 - ISS pictures

**Thursday\_(old 6mtr) Net** – 11 - ISS, SDR & Icom

**Friday Night Net** – 6 – Cold (weather)

### UPCOMINGEVENTS

#### RD CONTEST

August 15 @ 1:00 pm - August 16 @ 1:00 pm

#### ILLW

August 22 @ 10:00 am - August 24 @ 10:00 am

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

### SARC TO TAKE PART IN LIGHTHOUSE WEEKEND AND RD CONTEST

The club will be activating lighthouses at *Cape Byron* and *Ballina*, and the *Evans Head* light. Also we will take part in the RD contest, from the clubrooms shack. Anyone interested in helping with the RD, which is on the coming weekend, contact *Paul VK2PMG* via the club email. See our website for more information.

### ISS SSTV images

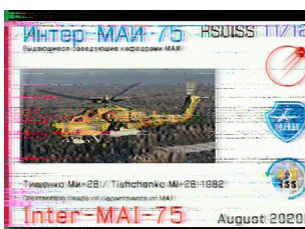
Following on from Shane's article on ISS SSTV transmissions last week; Here's a handful of images that some of our members captured during the week.

This included Paul PMG, Duncan DLR, Steve ARS & Jeff FJRN... *{I had to pick the best from these 4} Ed.*



{these 3 above were from PMG}

{above from DLR}



<<<{this was from FJRN}



{these 2 from ARS} >>>>



## New SSTV Program (From Chris VK2ACD during the week:)

.... Look what I found!! <https://hamsoft.ca/pages/>

.... Chris had come across a new version of the brilliant SSTV program MMSSTV called Yonic.

**He also went on to write...**

When I opened MMSSTV Yonic for the first time, it was in Spanish.

**Here is how to change it to English.**

From the top menu, click **OPCIONES** From the drop-down menu choose **CONFIGURAR MMSSTV**

A new window appears.

Bottom right, click **INGLES**

Click **OK**

Close the window and the main window should now be in English.

.... Thanks Chris, well spotted.

DLR Duncan...

## **DIGITAL Report:**

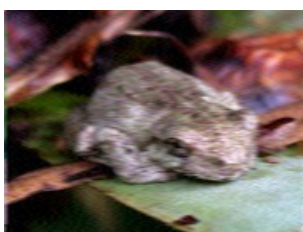
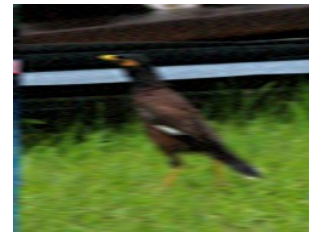
**TUESDAY 4 AUGUST, 2020**

This week there were quite a few logging in. Joining *Paul VK2PMG as VK2SRC* were *Leith VK2EA, Duncan VK2DLR, John VK2JWA, Chris VK2ACD, Dave VK2ZDR, Kris VK2KWW and Pat VK2FAAD*. A very welcome rollup and, even better, four operators were ready to join me. So, following the customary two rounds of chat, *Duncan, Chris, Dave and Kris* QSY'd to 144.230 USB.

I can't remember the last time I had such a good list of operators. We started off with a couple of rounds of keyboard messaging using Fl Digi's Thor 22. One experiment that I wanted to try again was MFSK 16, one of the modes that support image transmission. The basic procedure of image selection was very similar to Thor which also handles images. MFSK 16 proved to be very fussy, particularly about frequency stability. Some operators received and decoded the small images perfectly while others had no luck. This required fairly frequent re-tuning on the 1500 Hz centre frequency. In spite of that the results were uneven, so it was only partially successful. MFSK's habit of jumping down 12 Hz after transmission started – 1500 Hz to 1488 – didn't help. I have no idea why it did that.

Kris and Chris left us after a while which left Duncan and I at the end. We switched to MMSSTV for a short exchange of pics to prepare for the forthcoming ISS SSTV images. So the experiment was partially successful. Is MFSK worth the effort? Not sure if it is if the transmission frequency is so critical, especially if some rigs drift after a while. In my view, MMSSTV rules!

Cheers from *Paul VK2PMG*



## SARC Meeting Today:

Ten of us fought off the blistering cold (mildly exaggerated) weather today at the Club Room for the 'double meeting' while another four joined us from their comfy 'warm' houses via Zoom...

(Thanks to Steve, Chris, Malcom & Barry)

After the meeting, some of us decided to go 'play' outside with some unknown antennas & also test out Dave ZDR's new invention/bracket that was screwed into an old tree stump to hold the base antennas so they could be tested with the RigExpert AA-600 analyzer unit.

Paul PMG took a photo of this little adventure but the amazing garden photo 'stole-the-show' of the actual photo of the antenna we were working on...hihi

Thanks Paul for the photo... :)

Dave ZDR

**P.S: It's easy to forget to check/scan for the TX (input) frequency of these antennas & not the RX instead..**

***I kept thinking of the repeater frequency (ie: Parrots Nest 146.800) & not the more important 146.200 TX frequency....***

*Maybe it's just me...?*



## SARC Education prep for November restart (repeated)

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...

## Lismore 6-Day Weather Forecast

"Mostly Sunny, we will see....."

Mon Aug 10	Tue Aug 11	Wed Aug 12	Thu Aug 13	Fri Aug 14	Sat Aug 15
 Mostly sunny	 Mostly sunny	 Mostly sunny	 Sunny	 Mostly sunny	 Possible shower
19°C	20°C	22°C	25°C	26°C	23°C
6°C	9°C	8°C	10°C	11°C	13°C

## Our Disclaimer:

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