



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

**Weekly HF Dawn Patrol** – 53 for the week ending 1<sup>st</sup> November

**Monday\_INFO Net** – 10 - News

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

**Wed\_70cm Net** – 8 - Nitto self amalgamating tape

**Thursday\_(ex 6mtr) Net** – 6 - RSC & RBB linked

**Friday Night Net** – 10 (congrats Steve on this weeks turnout)

### UPCOMINGEVENTS

#### ADVANCED LICENCE COURSE

November 4 @ 9:00 am - November 8 @ 5:00 pm

#### COMMITTEE METTING

November 10 @ 1:00 pm - 4:00 pm

#### GOLD COAST ARS HAMFEST

November 16 @ 8:30 am - 2:00 pm

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

### **FOUNDATION COURSE**

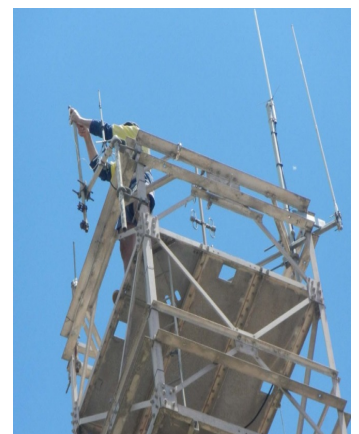
Another SARC Foundation Course finished today with the candidate sitting for the exam. This was the first course and exam conducted since the AMC took over the exam system. The new exam system is a little simpler than the old one. The major change is the exam is sent to Tasmania to be marked. That means the candidate has to wait for the result and when it comes neither the candidate nor SARC education know what answers were incorrect. This is unfortunate as it denies both the candidate and the course provider an opportunity to improve. Hopefully the situation will change as the AMC moves Amateur Radio qualifications into the 21st century.

### **LISMORE REPEATER WORK IS HAPPENING**

Work has started on antenna and feedline maintenance/repair at the VK2RSC site.

On 31 October, 4 members worked on installing new Heliac LDF 4-50 hardline and antennas for 2m and 6m receive. All the feedlines will be located in the new tray, entering the building via a bulkhead, instead of being strapped to the tower legs and entering through the ceiling.

Also, the link antenna has been installed, but the link is not yet operational.



{Ross ARD upgrading the Antennas}

# **DIGITAL MODES**

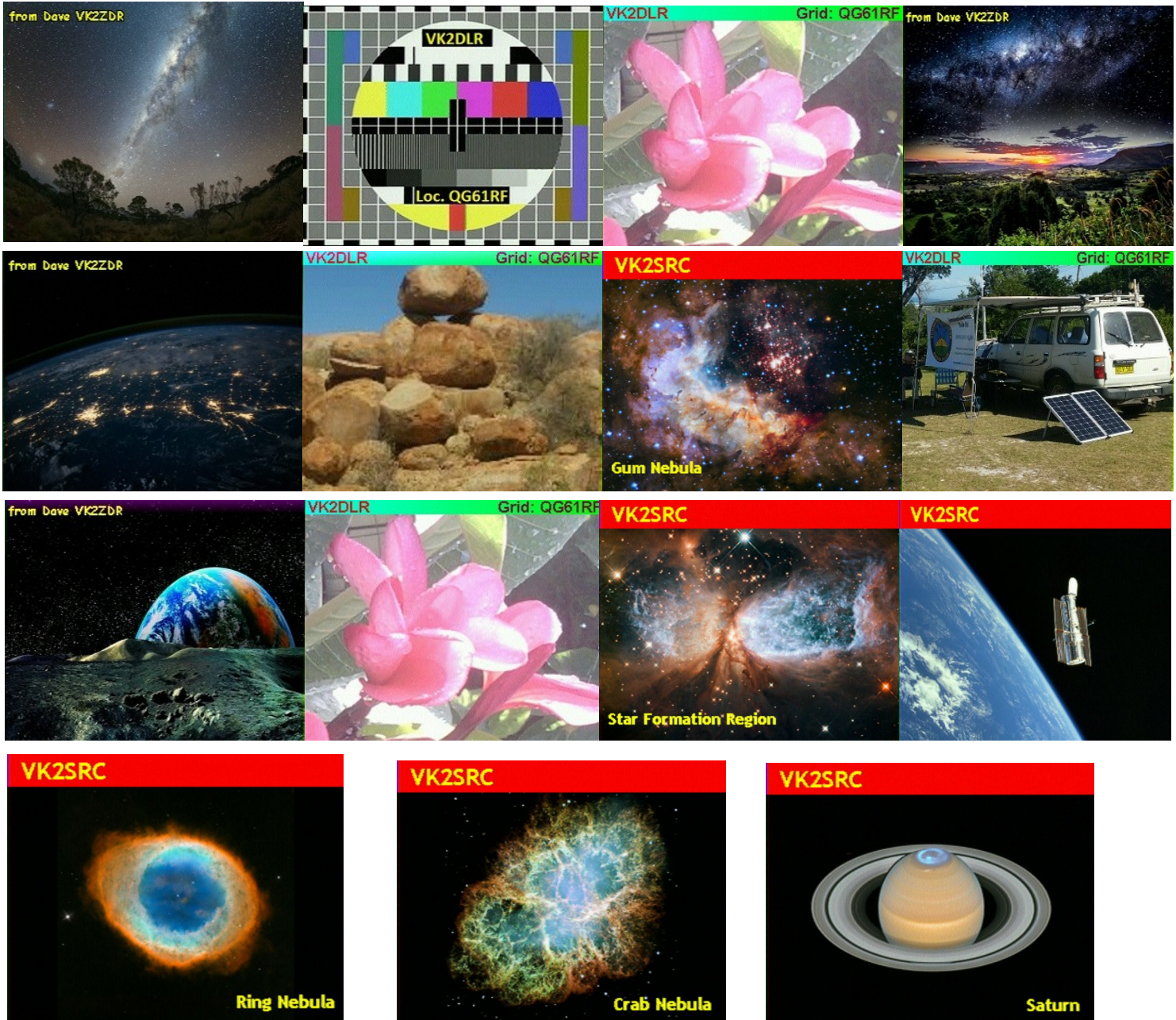
**TUESDAY 29 OCTOBER 2019**

Another digi net rolls around. Joining **VK2PMG** as **VK2SRC** were **Leith VK2EA**, **Malcolm VK2OTA**, **Kris VK2KWW**, **John VK2JWA** and **Dave VK2ZDR**. We has a couple of rounds from each station before we QSY'd. Dave was ready for the evening but Duncan was expected later, so after farewelling the others we returned to 144.230 USB.

We used MMSSTV again and mode MR140. The first image from SRC was received perfectly but Dave's image had a distinctly pink colour cast. Duncan dropped in after a while and joined us. Remembering the green colour cast on an image from last week caused by a small tuning discrepancy, we quickly realised that the 1200Hz synchronisation pulse that MMSSTV transmits were somewhat different from Dave, who then re-tuned so that the pulse was much closer to 1200 Hz and the colour cast disappeared.

After that little glitch, all images were received just fine. Another example of the ruggedness of USB and its superiority over FM for reliable reception. A very enjoyable net and thanks as always to all who logged in.

***Cheers from Paul VK2PMG***





## **BYRON BAY REPEATER BACK ON THE AIR (repeated)**








It's been a long hard process but the 2M repeater VK2RBB (146.625MHz, -600 offset, 123 tone) is back on air. The final step took place last Thursday when Rob VK2ELH, Kris VK2KWW and Duncan VK2DLR went up the hill and the cavities, freshly tuned by Graeme VK2QJ were installed. A few connections and checks and the repeater was switched on. Within minutes Roger VK2LRB at Crabbes Creek called in and reported an excellent signal. Soon after John VK2JWA reported full scale reception in Ballina. Since then it's been triggered by many stations in all directions. The link radio to VK2RSC is also operational and waiting on some work at the southern end.

This project has been led by Rob VK2ELH for over 5 years and taken countless hours of work by Rob and the team. New hut, new solar and new antennas were some of the milestones along the way. Each step took many hours of hard work. The weather was not always kind. Solutions had to be found to get the new hut safely on the site. The mast had to be lowered, new antennas fitted and safely re-erected. The pay-off for all that hard work? The joy in the voices of operators to the North and East in particular who can now talk to us on 2m after 7 years of silence.

•edited report by VK2DLR

## **GENERAL INFORMATION:**

### **Lismore 7-day forecast**

Sun Nov 3	Mon Nov 4	Tue Nov 5	Wed Nov 6	Thu Nov 7	Fri Nov 8	Sat Nov 9
 Sunny	 Possible thunderstorm	 Possible thunderstorm	 Sunny	 Sunny	 Sunny	 Sunny
28°C 13°C	29°C 15°C	28°C 15°C	27°C 9°C	33°C 10°C	35°C 14°C	32°C 15°C

## **SES looking for communication specialists from SARC**

Representatives of SES and SARC met recently to discuss a new SES unit to be formed on the Northern Rivers. Rather than SARC members being recruited as message handling radio operators, this unit is looking for members who want to increase their technical knowledge and put their skills to good use. SARC endorses this new concept and asks that any interested members check the details at the links below. Some of our members who have seen the letter are very interested. If you decide to join, please let SARC know and we'll put you in touch with other like minded individuals so you can support each other. SARC will not be formally involved with the unit but will support our members who join SES.

[SEE DETAILS](#)  
[GO TO SES VOLUNTEERING](#)

### **Our Disclaimer:**

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