



Sarc Radio Net numbers/check ins:

Weekly HF Dawn Patrol – 57 week ending 20th September.

Monday_INFO Net – 8 - News

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

Wed_70cm Net – 5 - Trunked Radio

Thursday_(ex 6mtr) Net – 4 - Coffs to Balina Highway

Friday Night Net – 5

More things to do:

Coffee morning:

1000 on the 1st Wednesday of the month
Rous Hotel (cnr) Keen/Zadoc St. Lismore

Lunch day:

1200 on the 3rd Wednesday of the month
Ying's Chinese & Thai Restaurant
142 Keen St. Lismore

News Items:

Shack Upgrade

Following on from the successful Sarcfest and the sale of the club IC-910H we've replaced it with an Icom IC-9700. Photo shows *Dave VK2ZDR* and *Brian VK2FMAN* working their way through the menus and memory locations.

Rob VK2ELH is looking on for some tips on how to work this magical 2M, 70cm and 23CM radio.

The transceiver was checked out on some of the club antennas. So far it's performed very nicely indeed.



The next COMMITTEE MEETING

October 13 @ 1:00 pm - 4:00 pm

DIGITAL MODES

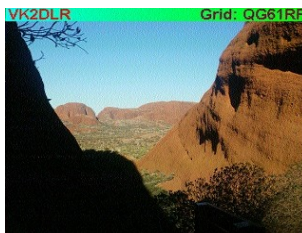
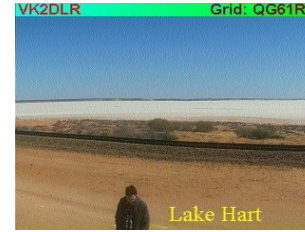
TUESDAY 17 SEPTEMBER 2019

This week we had *Leith VK2EA*, *John VK2JWA*, *Steve VK2SLM*, *Duncan VK2DLR* and *Dave VK2ZDR* logging in. The last two operators were especially welcome as it meant we could have a digi net with some digital mode transmissions. MMSSTV is, strictly speaking, analogue, but we don't let that stop us using what is probably the best and most robust image transmission software around. The recent trip of Duncan to the Red Centre virtually dictated that we use MMSSTV and consequently we QSY'd to our frequency of 144.230 USB.

We used MR140 mode, after a few moments of manual tuning by Duncan and Dave to the 1200 Hz synchronisation pulse that MMSSTV uses. Very handy for that fine tuning purpose. The frequency was quite noisy compared to previous nets, possible due to atmospheric effects from weather events. Duncan was s1-2 on voice and Dave s7. Some fading also affected Duncan's images with signal strength varying from 1-2 to 4-5. Dave was rock solid at s9 throughout. Power output was increased to about 25 watts. The signal strength did affect Duncan's images to Dave, due to the less than perfect path, but the images were still usable.

Both Duncan and Dave's images were fine to me. It was especially pleasant to see photos from the Duncan's Red Centre trip, culminating in the successful climb of Uluru by Duncan and Lachlan. An excellent net that succeeded in spite of less than ideal propagation conditions. Thanks again to all who logged in and participated, for without that the net would be dead!

Cheers from *Paul VK2PMG*



GENERAL INFORMATION:

Sarc ClubRoom future updates/possible working bees:

As we now have this lovely Icom IC-9700 installed today, of course we pinched the tri-bander for 2/70/23 bands for this radio, next will be fixing/installing the older 2/70cm antenna just for the local repeater radios that anyone can use to contact the club or to call out or even for testing purposes...

This will include double checking all coax runs so the maximum outputs are possible with the best results...

Sarc will notify our members & friends when our next official Working Bee day will be held...

{watch this space}

EDUCATION: Upcoming Courses

ADVANCED LICENCE COURSE 4th – 8th November

FOUNDATION LICENCE COURSE 9th-10th November

If interested contact by email vk2src@gmail.com attention: VK2DLR or phone VK2DLR Duncan 0419 229 370

PROJECTS

These are links to projects from SARC members.

ANTENNAS

Make a robust multi-band HF wire antenna – the ZS6BKW. Illustrated home brew instructions by

Chris Meagher VK2ACD

[DOWNLOAD ZS6BKW](#)

ALSO

Make a multi-band HF end-fed antenna for use portable or restricted space, theory and construction by

Chris Bourke VK4YE

[DOWNLOAD END-FED ANTENNA](#)

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